



**PHASE I ENVIRONMENTAL SITE ASSESSMENT
FORMER GLOBE BUILDING
1801 THROUGH 1803 ATWATER
DETROIT, MICHIGAN 48207**

prepared for

**DETROIT/WAYNE COUNTY PORT AUTHORITY
8109 EAST JEFFERSON AVENUE
DETROIT, MICHIGAN 48214**

and

**URBAN DEVELOPMENT CO., LLC
407 E. FORT STREET
DETROIT, MICHIGAN 48226**

**AKT PEERLESS PROJECT NO. 5134D-1-17
JULY 31, 2007**



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PHASE I ENVIRONMENTAL SITE ASSESSMENT

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1.0 INTRODUCTION

Urban Development Co., LLC (the developer) through the Detroit/Wayne County Port Authority (DWCPA) retained AKT Peerless Environmental Services (AKT Peerless) to conduct a Phase I Environmental Site Assessment (ESA) at 1801-03 East Atwater Street in Detroit, Wayne County, Michigan (subject property). DWCPA was awarded United States Environmental Protection Agency (USEPA) Brownfield Assessment Grants to conduct environmental assessments of petroleum and hazardous substance sites. This Phase I ESA was conducted as part of the Petroleum Assessment Grant on behalf of DWCPA (the Client) and the Developer. AKT Peerless understands that Urban Development Co., LLC plans to renovate the existing building and redevelop the subject property as a mixed use commercial and residential structure.

This Phase I ESA was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries [(AAI), 40 CFR Part 312] and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-05* (ASTM Standard Practice E 1527-05).

1.1 PURPOSE

The purpose of this Phase I ESA was to evaluate the current and historical conditions of the subject property in an effort to identify *recognized environmental conditions* (RECs)¹ and *historical recognized environmental conditions* (HRECs)² in connection with the subject property. Moreover, certain users of this Phase I ESA may be able to satisfy one of the environmental due diligence requirements to qualify for the bona fide prospective purchaser, contiguous landowner, or innocent landowner liability protections available under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, the Superfund Amendments and Reauthorization Act (SARA) of 1986, and the Small Business

¹ ASTM's Standard Practice E 1527-05 defines the term recognized environmental condition (REC) as the presence or likely presence of any hazardous substance or petroleum product on a property under conditions that indicate (1) an existing release, (2) a past release, or (3) a material threat of a release of a hazardous substance or petroleum product into structures on the subject property or into the ground, groundwater, or surface water of the subject property.

² ASTM defines the term historical recognized environmental condition (HREC) as an environmental condition which in the past would have been considered an REC, but which may or may not be considered an REC currently. Neither HRECs nor RECs are intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Liability and Brownfield Revitalization Act (Brownfield Amendments) of 2002. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs and HRECs in connection with the subject property.

1.2 SCOPE OF SERVICES

AKT Peerless' scope-of-services is based on its proposal PD-7086, dated June 14, 2006, and the terms and conditions of that agreement. This Phase I ESA included the following:

- an inquiry of environmental conditions by an environmental professional.
- a review of specialized knowledge reported by the Client.
- a review of public and historical records, including those maintained by federal, state, tribal, and local government agencies.
- interviews with regulatory officials and personnel associated or knowledgeable with the subject property, including as appropriate past and present owners, or neighbors if the property is abandoned.
- a reconnaissance of the subject property and adjoining properties.

1.3 PROJECT RESOURCES

AKT Peerless referred to the following resources between June 14, 2006 and July 31, 2007 to complete its ESA:

- United States Environmental Protection Agency (USEPA), Region 5
- United States Geological Survey (USGS)
- United States Department of Agriculture (USDA) Soil Conservation Service
- Michigan Department of Environmental Quality (MDEQ)
- Wayne County Environmental Health Department
- Detroit Health Department
- Detroit Government Sources (e.g., assessing, building, fire, engineering departments, etc.)
- Terraserver (www.terraserverusa.com)
- MapTech (www.maptech.com)
- Southeast Michigan Council of Governments (SEMCOG)
- Environmental Data Resources, Inc. (EDR)
- City Directories
- Interviews and Questionnaire Responses

1.4 SIGNIFICANT ASSUMPTIONS

During this Phase I ESA, AKT Peerless made the following significant assumptions:

- AKT Peerless assumed that the information provided by EDR in the regulatory database

report is an accurate and complete representative summary of the information contained in the referenced regulatory agency records, except when such information is obviously contradicted by other data.

- AKT Peerless assumed that the information used to prepare this assessment that was obtained from ostensibly knowledgeable individuals, regulatory agency representatives, or other secondary sources was an accurate and complete representative summary of the information possessed by those individuals, representatives, or sources.

1.5 LIMITATIONS AND EXCEPTIONS

A list of general limitations and exceptions typically encountered when completing Phase I ESAs is provided in Appendix A. Along with the inherent limitations set forth in various sections of ASTM Standard Practice E 1527-05 and the USEPA All Appropriate Inquiry Standard, the accuracy and completeness of this report may also be limited by the following project specific facts or conditions:

- Exterior observations were limited due to dense vegetation along the northern side of subject property.
- Visual observations of the subject building's interior were limited due to structural instability, the presence of debris, the absence of electrical lighting, and a locked loading dock area in the southeastern portion of the building.
- AKT Peerless' review of readily available standard and other historical sources provided only limited information regarding utilities associated with the former industrial building present on the subject property since 1911. This gap in historical information is considered *data failure* as provided in Section 7.3.2.3 of the ASTM Standard Practice For ESAs (E 1527).

Subject to the general limitations and exceptions listed in Appendix A and the referenced terms and conditions, AKT Peerless accepts responsibility for the competent performance of its duties in executing this assignment and preparing this report in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages.

Should additional information become available to the Client that differs significantly from our understanding of conditions presented in this report, AKT Peerless requests that such information be forwarded immediately to our attention so that we may reassess the conclusions provided herein and amend this project's scope of services as necessary and appropriate.

1.6 SPECIAL TERMS AND CONDITIONS

To the best of AKT Peerless' knowledge, no special terms or conditions apply to the preparation of this Phase I ESA.

1.7 USER RELIANCE

AKT Peerless performed this Phase I ESA for the benefit of the Client (DWCPA) and the Developer (Urban Development Co., LLC. AKT Peerless acknowledges that these parties may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing,

AKT Peerless makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party.

2.0 USER AND/OR CLIENT PROVIDED INFORMATION

AKT Peerless submitted a questionnaire to the Developer requesting information about the subject property and this Phase I ESA. Mr. Mark Wilcox, of Urban Development Co., LLC completed the questionnaire on behalf of the Developer. The following subsections summarize the information. Mr. Wilcox provided to AKT Peerless.

2.1 TITLE RECORDS

The Developer provided AKT Peerless with a copy of the land title policy, but did not provide other recorded land title records to AKT Peerless.

2.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

The Developer did not report any: (1) environmental cleanup liens against the subject property that are filed or recorded under federal, tribal, state, or local law; or (2) activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls, that are in place at the subject property and/or have been filed or recorded in a registry under federal, tribal, state, or local law.

2.3 KNOWLEDGE OF THE USER

The Developer did not report specialized knowledge or experience, actual knowledge, or commonly known or reasonable ascertainable information that is material to identifying recognized environmental conditions in connection with the subject property, except as conveyed during interviews and/or in the following report, which respectively document previous environmental investigations of the subject property:

- City of Detroit – Waterfront Reclamation and Casino Development Project (WRCDP) Phase I Inquiry Report Summary, prepared in February 1999 by Roy F. Weston Inc. (Weston) on behalf of the City of Detroit Planning and Development Department.
- City of Detroit – Waterfront Reclamation and Casino Development Project Phase II Inquiry Report Summary, prepared on March 25, 1999 by Weston on behalf of the City of Detroit Planning and Development Department.
- Baseline Environmental Assessment, prepared on June 15, 2001 by Weston on behalf of the City of Detroit.
- Dry Dock Engine Works Article prepared in August 2002 by the Historic American Engineering Record.
- Brownfield Redevelopment Assessment Report, prepared on September 28, 2004 by Michigan Department of Environmental Quality (MDEQ) on behalf of the United States Environmental Protection Agency (US EPA).
- Building Survey Report, prepared on December 2, 2004 by Enviro Matrix on behalf of the

Economic Development Corporation of the City of Detroit.

- Health Consultation Globe Building Brownfield Redevelopment Assessment (Health Consultation), prepared in March 2005 by the Michigan Department of Community Health Under a Cooperative Agreement with Agency for Toxic Substances and Disease Registry.

The contents of the previous environmental reports are summarized and discussed in Section 4.4.5. Copies of these reports are provided as Attachment G.

2.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The developer did not report knowledge of, or reason to anticipate, a reduction in the value of the subject property for environmental issues.

2.5 REASON FOR PERFORMING THIS PHASE I ESA

According to the developer, this Phase I ESA was conducted as part of environmental due diligence related to the developer's purchase and redevelopment of the subject property. AKT Peerless understands that the developer plans to renovate the subject building as a multi-tenant residential and commercial structure.

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 LOCATION AND LEGAL DESCRIPTION

The subject property is located at 1801-03 East Atwater Street in the City of Detroit, Wayne County, Michigan. The subject property is situated on the northeastern corner of East Atwater and Orleans Streets. It consists of a generally, rectangular -shaped parcel that contains approximately 1.09-acres and a portion vacated Guoin Street (between Orleans and Dequindre Streets). The Economic Development Corporation of the City of Detroit is the current owner of the subject property. The subject property's parcel identification number is 07/000011. The subject building is currently not occupied by any formal tenant.

Refer to Figure 1, Subject Property Location Map; Figure 2, Topographic Location Map; Figure 3, Parcel Map; and Figure 4, Subject Property Map. The legal description of the subject property is presented in Appendix B. Photographs taken during AKT Peerless' subject property reconnaissance are provided in Appendix C.

3.2 SUBJECT PROPERTY AND VICINITY CHARACTERISTICS

The subject property is currently developed with a vacant, former manufacturing/industrial building, and is located in an area of Detroit that is characterized by vacant, commercial, and/or light industrial properties and riverfront development.

3.3 DESCRIPTION OF STRUCTURES AND OTHER IMPROVEMENTS

General information regarding the on-site building (the subject building) is presented in the following table:

General Construction	Interior Finish:	Approx. Square Feet	Construction and Other Improvement Dates
3-story (partial); brick building, with steel supports; slab-on-grade concrete foundation; brick exterior; no basement	concrete, resilient floor tiles (RFTs), drywall, paint, vinyl baseboards, drop-in acoustic ceiling tiles (ACTs), wood, paint, metal, glass, etc.	80,000 (footprint)	Original construction in 1892. Additions and renovations in 1892 through 1910.

A gated truck well is located on the eastern side of the subject building and two former dispenser islands are located near the southeast corner of the subject property. Several railroad tracks are located on the eastern portion of the subject property and extend into the northern portion of the subject building.

3.4 CURRENT USE OF THE SUBJECT PROPERTY

The subject property is not currently used for any significant or obvious purpose.

3.5 UTILITIES AND MUNICIPAL SERVICES

AKT Peerless identified the type and supplier of utilities provided to the subject property. These services are described in the following table:

Utility / Service	Type	Utility Company or Municipality	Comments/Historical Services
heat	natural gas	DTE Energy	historical use of steam heat and crude oil; original natural gas connection date not determined
municipal waste	municipal available	City of Detroit	not applicable
potable water	Municipal available	City of Detroit	municipal drinking water has been provided since at least 1884
electricity	electric lines	DTE Energy	electricity has been provided since at least 1897
sewage disposal	municipal available	City of Detroit	municipal sewage utilities have likely been provided since at least 1884

Additional information regarding the referenced heat, water, and sewage utilities is presented in Section 4.4.

3.6 CURRENT USES OF THE ADJOINING PROPERTIES

The following table describes the current uses of the adjoining properties, identified occupants, and noteworthy observations of environmental concern, if any, that were noted during AKT Peerless' recent reconnaissance of the adjoining properties.

Direction	Address	Current Use / Occupant	Potential Concerns
north	Not applicable	Vacant lot / none	none observed
east	Not applicable	Vacant lot / none	Evidence of land disturbance
south	Not applicable	Tercentennial State Park	none observed
west	Not applicable	Vacant lot / none	none observed

Based on AKT Peerless' visual observations, the current uses of the adjoining properties do not appear to pose a direct environmental threat to the subject property, except for land disturbances were observed on the eastern adjoining property. These land disturbances are most likely associated with the former structures that were demolished on the eastern adjoining property between December 2004 and June 2006.

4.0 RECORDS REVIEW

The objective of the records review is to evaluate reasonably ascertainable databases, historical records, and physical setting records to help identify recognized environmental conditions at the subject property and, to the extent identifiable, at surrounding properties.

4.1 PHYSICAL SETTING SOURCES

AKT Peerless reviewed geological survey maps for geologic, hydrologic, and topographic conditions that may affect potential contaminant migration to the subject property.

4.1.1 Topography and Area Hydrogeology

According to the USGS' *Topographic Map of the Detroit, Michigan Quadrangle*, which was published in 1968 and was photorevised in 1973 and 1980, the subject property is situated approximately 579 feet above the National Geodetic Vertical Datum (NGVD). The subject property's topography appears to decline gently to the south.

AKT Peerless did not obtain or review reports that document actual groundwater conditions at or adjacent to the subject property. Therefore, AKT Peerless was unable to (1) identify the depth to shallow groundwater beneath the subject property, or (2) determine the groundwater flow direction beneath the subject property.

Typically, the water table aquifer flows toward a major drainage feature or in the same direction as the drainage basin. The Detroit River, which flows southwest, is located approximately 600 feet south of the subject property. Therefore, AKT Peerless infers that groundwater beneath the subject property flows to the south, with potential influence from the Detroit River.

The Detroit River is located approximately 600 feet south of the subject property. Otherwise,

AKT Peerless' research did not identify any known groundwater recharge area on or near the subject property, or any groundwater supply on the subject property. Groundwater from the area of the subject property does not serve as the primary drinking water source for properties in Detroit, which obtains its municipal water from the Detroit Water & Sewerage Department (DWSD). Public sources of information do not identify main aquifers below the subject property.

4.1.2 Area Geology and Soil

According to the MDNR Geological Survey Division's *Bedrock Geology of Southern Michigan* (1987), bedrock beneath the subject property is classified as Bedford Shale of an unassigned series within the Devonian System of the Paleozoic Era. The depth to bedrock beneath the subject property was not readily available prior to the completion of this Phase I ESA.

According to the Michigan Geological Survey Division's publication, *Quaternary Geology of Southern Michigan*, soil in the area is lacustrine clay and silt. This soil is described as gray to dark reddish brown and is varved in some localities. The soil chiefly underlies extensive, flat, low-lying areas formerly inundated by glacial Great Lakes. Soil thickness ranges from 10 to 30 feet. Typically, lacustrine clay and silt are associated with low hydraulic permeability and restrict the movement of groundwater.

According to the United States Department of Agriculture, *Soil Survey of Wayne County, Michigan*, the soil in the area is classified as the Pewamo-Blount-Metamora association. This soil is described as "nearly level to gently sloping, poorly drained to somewhat poorly drained soils that have a fine-textured to moderately fine-textured subsoil."

AKT Peerless did not obtain other information about subsurface soil beneath the subject property during this Phase I ESA, except as described in the Phase II subsurface investigations conducted by MDEQ (refer to Section 4.4.5). According to MDEQ, soil encountered beneath the subject property consisted of fill material from ground surface to a depth of approximately five feet below ground surface. This fill was underlain by clay and silt to approximately 12 feet below ground surface, the maximum depth explored.

4.2 STANDARD ENVIRONMENTAL RECORD SOURCES

AKT Peerless retained EDR to provide current environmental database information compiled by a variety of federal and state regulatory agencies. The purpose of obtaining this data was to evaluate potential environmental risks associated with the subject property, adjoining sites, and other sites that are (1) identified on target lists, and (2) within varying distances of up to one mile from the subject property. AKT Peerless reviewed the following federal and state databases for such listings within the indicated search radii.

Type	Regulatory Agency Database	Approximate Minimum Search Distance
Federal	National Priority List (NPL)	1 mile
Federal	De-listed National Priority List (DNPL)	½ mile
Federal	Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	½ mile
Federal	CERCLIS No Further Remediation Action Planned (NFRAP) Site List	½ mile
Federal	Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) Facilities List	1 mile
Federal	RCRA non-CORRACTS Treatment, Storage or Disposal (TSD) Facilities List	½ mile
Federal	RCRA Generators List	subject property and adjoining properties
Federal	Institutional Control / Engineering Control Registries*	subject property
Federal	Environmental Response and Notification System (ERNS)	subject property
State & Tribal	Hazardous Waste Sites (HWS) (equivalents to NPL and CERCLIS)	1 mile
State & Tribal	Solid Waste Facilities/Landfill Sites (SWLF)	½ mile
State & Tribal	Historical Landfill Site (HIST LF)	½ mile
State & Tribal	Leaking Underground Storage Tank (LUST) List	½ mile
State & Tribal	Registered Underground Storage Tank (UST) List	subject property and adjoining properties
State & Tribal	Institutional Control / Engineering Control Registries*	subject property
State & Tribal	Brownfield Sites	½ mile
State	Baseline Environmental Assessment (BEA) Sites	½ mile
Either	Unmappable Database Listings (a.k.a. Orphan Sites)	database-dependent

* Neither the US EPA nor Michigan Tribal Governments nor the State of Michigan maintains registries of sites with Institutional Controls / Engineering Controls in the subject property area.

4.2.1 Subject Property and Occupant Listings

The Globe Trading Building, at 1801 East Atwater Street, was identified on the MDEQ “open” LUST site database. According to EDR, a confirmed release of an unknown substance was reported to MDEQ in January 1990. In addition, the subject property was listed BEA database. The EDR report indicates that the BEA petition was affirmed and a determination of the Due Care Plan is pending.

Additional information about the presence of the Globe Trading Building on the referenced database(s) is presented in Sections 4.3.1 and 4.3.2.

4.2.2 Adjoining and Nearby Sites

AKT Peerless' review of the referenced databases (including those on the orphan list) also considered the potential or likelihood of contamination from adjoining and nearby sites. To evaluate which of the adjoining and nearby sites identified in the EDR Report present an environmental risk to the subject property, AKT Peerless considered the following criteria:

- the type of database on which the site is identified.
- the topographic position of the identified site relative to the subject property.
- the direction and distance of the identified site from the subject property.
- local soil conditions in the subject property area.
- the known or inferred groundwater flow direction in the subject property area.
- the status of the respective regulatory agency-required investigation(s) of the identified site, if any.
- surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified site and the subject property.

Only those sites that are judged to present a potential environmental risk to the subject property are further evaluated by reviewing MDEQ file information. Using the referenced criteria, and based upon a review of readily available information contained within the EDR Report, AKT Peerless did not identify adjoining (i.e., bordering) or nearby sites (e.g., properties within a ¼-mile radius) listed in the EDR Report that were judged to present a potential environmental risk to the subject property, except for the following:

Federal Database			
Database(s):	BEA	Distance:	adjoining
Name:	Not reported	Direction:	north
Address:	240 Orleans 1939, 1990, and 1999 Guion	Elevation:	583 feet
Section References:	Refer to Sections 4.5 and 7.0 for further information.	Known/Inferred Groundwater Flow Direction:	south
<p>According to the EDR Report, a Category "N" BEA was completed for this property on behalf of Economic Development Corp, and was disclosed to MDEQ on October 15, 2001. A Section 20107a Compliance Analysis determination was not requested by the submitter.</p> <p>Based on this information, the fact that this occupant was identified on the BEA database does not present an environmental concern to the subject property. However, as discussed in Section 4.5, this does not necessarily eliminate the historical use of this property as an environmental concern to the subject property.</p>			

4.3 ENVIRONMENTAL RECORD SOURCES

4.3.1 MDEQ Waste and Hazardous Material Division (WHMD) Records

AKT Peerless contacted the MDEQ WHMD to review available records regarding waste management activities, permits, inspections, violations, and registered USTs associated with the subject property. The following subsections provide a chronological summary of the MDEQ

WHMD file information:

1990

On May 9, 1990, a Notification of UST Removal was completed on behalf of the Globe Trading, Co. The notice indicates that two 20,000-gallon USTs would be removed from the subject property on June 8, 1990. A letter dated October 9, 1990 states that the USTs were removed, and two soil samples were collected from the resulting excavation cavity. The samples were submitted for laboratory analysis of benzene, toluene, ethylbenzene, and xylenes. The analytical results indicate that target parameters were not detected above the laboratory method detection limits.

1998

On February 9, 1998, a confirmed release was reported by MDEQ based on review of a BEA submitted for the subject property. The confirmed release report indicates that samples collected during a Phase II subsurface investigation reveal the presence of petroleum contamination. The report states that the Globe Trading Co. has owned the subject property since the 1970s and operated since the 1960s. The contents of the USTs are listed as gasoline and fuel oil.

On April 1, 1998, the MDEQ issued a letter to the Globe Trade Company's attorney indicating that the Globe Trade Company does not appear to have an obligation under Part 213 to conduct corrective actions at the subject property for the UST releases, but does have obligations under Part 201.

4.3.2 MDEQ Remediation and Redevelopment Division (RRD) Records

AKT Peerless contacted the RRD's Cost Recovery Unit (CRU) in Lansing, Michigan to determine if environmental cleanup liens had been filed against the subject property. According to information provided by Ms. Jackie Barnett of the CRU, the MDEQ does not have record of environmental cleanup liens filed against the subject property.

AKT Peerless contacted the MDEQ-RRD Detroit Michigan District Office to review available records regarding environmental information or leaking USTs associated with the subject property. On March 29, 2007, AKT Peerless reviewed the files at the MDEQ-RRD Detroit Michigan District Office. The file contained a BEA for the subject property that was completed by Clayton Environmental Consultants in February 1998. Refer to section 4.4.5 for a summary of this BEA.

4.4 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

4.4.1 Local Health Department

The Wayne County Health Department indicated that they do not have records pertaining to the subject property. In addition, AKT Peerless contacted the Detroit Health Department to inquire about file information pertaining to environmental concerns associated with the subject property. The Detroit Health Department indicated that they do not have records pertaining to the subject property.

4.4.2 Local Fire Department

According to fire department records, the following USTs have been associated with the subject property:

Underground Storage Tanks				
Installation Date	Tank Contents	Tank Capacity	Removal Date	Tank Status
February 1949	Gasoline	20,000 gallons	June 1990	Removed
Unknown	Diesel	20,000 gallons	June 1990	Removed

Fire department records for the subject property indicate that containers of paint, mineral spirits, and paint thinner, were identified within the subject building during inspections conducted between 1949 and 1993. The containers ranged in size from less than one gallon to 55-gallon drums.

A letter to the City of Detroit from Detroit Edison, dated June 1955, stated that Detroit Edison is not required to pay the fire department invoice since they only transport transformer oil with a flash point of 130 degrees centigrade. The letter also describes that Detroit Edison stores a 1,000-gallon, a 1,300-gallon, and two 5,000-gallon tanker trucks within the subject building.

4.4.3 Water & Sewage Utility Provider

AKT Peerless referenced Sanborn Fire Insurance Maps and the City of Detroit Building and Safety Engineering Department for information pertaining to water services for the subject property. Sanborn maps indicate that municipal water service has been available to the subject property since at least 1884. Based on historical information, it is not likely that the subject property would have utilized a septic system.

4.4.4 Natural Gas Provider

DTE Energy currently provides natural gas service to the subject property. DTE Energy has informed AKT Peerless that it will process original connection date requests only in response to a subpoena or government inquiry.

AKT Peerless' review of readily available standard and other historical sources provided only limited information regarding utilities associated with the former industrial building present on the subject property since at least 1884. This gap in historical information is considered *data failure* as provided in Section 7.3.2.3 of the ASTM Standard Practice For ESAs (E 1527).

4.5 PREVIOUS ENVIRONMENTAL REPORTS

The developer provided AKT Peerless with copies of several reports, which document previous environmental investigation of the subject property. These reports are summarized in the following subsections, and attached in Appendix G.

4.5.1 Clayton February 1998 Baseline Environmental Assessment

On February 3, 1998, Clayton prepared a Category A Baseline Environmental Assessment

(BEA) on behalf of Globe Associates, LLC. Clayton's BEA was prepared for a larger property that included the subject property and the eastern adjoining property. Clayton prepared the BEA with the understanding that the intended use of the property was commercial and office purposes that would not include the storage and use of any hazardous substances. The BEA was reviewed and affirmed by MDEQ on February 24, 1999.

The BEA included a Phase I ESA, Phase II Subsurface Investigation, and Asbestos and Lead-Based Paint Assessment. The following subsections provide a summary of those documents:

Clayton October 1997 Phase I ESA

On October 21, 1997, Clayton conducted a Phase I ESA on behalf of The Sterling Group. Clayton's ESA was prepared for a larger property that included the subject property and the eastern adjoining property. The purpose of Clayton's Phase I ESA was to provide and independent, professional opinion regarding recognized environmental conditions, if any associated with the property. Clayton identified the following environmental concerns associated with the property.

- the historical use of the subject buildings as foundry, machine shop, and oil reclamation facility since at least 1884
- the historical presence of USTs and a crude oil pipeline located on the property
- the suspected presence of asbestos-containing building material and lead-based paint

Clayton February 1998 Phase II Subsurface Investigation

In February 1998, Clayton completed a Phase II Subsurface Investigation on behalf of Globe Associates, LLC. Clayton's Phase II ESA was prepared for a larger property that included the subject property and the eastern adjoining property. The purpose of this investigation was to evaluate the possible presence of contamination associated with (1) the historical use of the subject building as a foundry, machine shop, and oil reclamation facility, and (2) the historical presence of underground storage tanks (USTs) and a crude oil pipeline located on the property.

During the investigation, Clayton (1) drilled 14 soil borings (SB-1, SB-3 through SB-15), (2) collected 15 soil samples, (3) collected 9 groundwater samples, and (4) submitted samples for laboratory analyses. It is important to note that only SB-1 (and possibly SB-3 and SB-4) was drilled on the subject property. The remaining soil borings were drilled on what is considered by this Phase I ESA as the eastern adjoining property.

Samples were submitted for laboratory analyses of select parameters that included volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PNAs), and Michigan metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc).

The laboratory analytical results indicated that concentrations of VOCs [including 1,2-dichlorobenzene, trichloroethene, 1,1-dichloroethene, vinyl chloride, chlorobenzene], PNAs [including acenaphthene, benzo(b)fluoranthene, indeno(1,2,3-cd)pyrene, benzo(a)pyrene, naphthalene, chrysene, and benzo(a)anthracene], and metals were detected at the subject property above MDEQ Generic Residential Cleanup Criteria. In general, the significant contamination

encountered during the investigation was found in soil borings SB-14 and SB-15 drilled near the former fuel oil USTs near the former powerhouse. Clayton concluded that the subject property meets the definition of a “facility”.

Clayton December 1997 Assessment of Suspect Asbestos-Containing Materials and Suspect Lead-Based Paint-Containing Materials

On December 29, 1997, Clayton completed an asbestos and lead-based paint assessment of buildings on the property on behalf of The Sterling Group. The purpose of Clayton’s assessment was to identify asbestos-containing material (ACM) and lead-based paint throughout the facility (with the exception of roofing materials). During the assessment, Clayton (1) conducted an inspection of the facility, (2) collected samples of 38 building materials, (3) analyzed 65 painted surfaces with an XRF Spectrum Instrument, and (4) submitted samples for laboratory analysis of asbestos.

The laboratory results indicated the presence of ACM in the warehouse building, storage building, and shop. These materials included (1) floor tile, (2) thermal pipe insulation, and (3) tank insulation. The lead-based paint survey indicated the presence of lead at concentrations ranging from 0 to 5.09 milligrams.

4.5.2 Weston June 2001 Baseline Environmental Assessment

On June 15, 2001, Weston prepared a Category N Baseline Environmental Assessment (BEA) of the Waterfront Reclamation and Casino Development Project (WRCDP) on behalf of the City of Detroit. Weston’s BEA was prepared for a larger property that included the subject property and the eastern adjoining property. Weston prepared the BEA with the understanding that the City of Detroit’s intended use of the subject property would not include the storage and use of any hazardous substances.

The BEA included Weston’s Phase I ESA, Phase II ESA, and a letter from the City of Detroit requesting an extension of time to empty potential USTs at the subject property. The BEA was prepared as a disclosure to the MDEQ. However, the disclosure forms in AKT Peerless’ copy are not signed, and the BEA is not listed as received on the MDEQ BEA database. Therefore, it does not appear that the document was submitted to the MDEQ.

The BEA included, as attachments, a Phase I ESA and Phase II Subsurface Investigation. The following subsections provide a summary of those documents:

Phase I ESA

On February 18, 1999, Roy F. Weston, Inc. (Weston) conducted a Phase I Environmental Inquiry of the WRCDP on behalf of the City of Detroit Planning and Development Department. The purpose of Weston’s Phase I Environmental Inquiry was to identify actual and potential environmental liabilities associated with the historical use and present physical condition of several parcels near the East Riverfront, and determine the past and present operations of these parcels. The investigation area included 107 parcels and adjacent rights-of-way – part of which included the subject property. During the Phase I ESA, Weston identified the following environmental concerns associated with the subject property.

- Fill/vent pipe located in southeastern corner of building;
- 200-gallon AST located in the east-central portion of the building;
- Oil staining on concrete and wood floors of the building;
- Staining around the railroad tracks inside the building;
- Fuel gauge for a 20,000-gallon UST in dock area on east side of building;
- Two fuel islands in the southeastern portion of the property;
- Two-20,000-gallon gasoline USTs, installed in 1948 and removed in 1990;
- One-20,000-gallon gasoline UST installed 1948, no record of removal;
- Eight propane ASTs, installed 1978, no record of removal; and,
- One-20,000-gallon fuel oil UST installed in 1953, no record of removal.
- Potential contamination associated with the historical use of the property (e.g., machine shop, forge shop, foundry, engine works, blacksmith, oil house, etc.)
- Potential lagoons near the northwestern corner of Atwater and Orleans Streets
- Potential asbestos-containing material

Weston March 1999 Phase II Inquiry Report Summary

In March 1999, Weston completed a Phase II Environmental Inquiry of the WRCDP on behalf of the City of Detroit Planning and Development Department. The purpose of this inquiry was to provide the information necessary to evaluate remedial actions appropriate for the intended land use, and to obtain information necessary to complete an Administrative Agreement and Covenant Not to Sue with the State of Michigan. The investigation area included 107 parcels and adjacent rights-of-way – part of which included the subject property. Weston’s investigation included (1) review of existing environmental reports, (2) geophysical survey of select parcels, (3) collecting surface samples from select parcels, (4) an evaluation of abandoned containers, and (5) drilling soil borings.

Weston conducted assessment activities on the subject property. During the investigation, Weston (1) reviewed existing environmental reports, (2) evaluated abandoned containers, and (3) collected a liquid sample from pipes located on the former dispenser island outside eastern wall. The sample was submitted for laboratory analyses of select parameters including VOCs and semi-volatile organic compounds (SVOCs).

Weston compared the analytical results from the BEA prepared by Clayton Environmental Consultants in February 1998 to the current MDEQ GRCC to determine if the subject property meets the definition of a “facility”. Weston concluded that the property meets the definition of a “facility” based on benzo(a)pyrene concentrations detected in soil at the subject property above MDEQ Residential Direct Contact Criteria.

Weston identified a 200-gallon abandoned AST in the subject property building. The AST appeared to be connected to the buildings heating system and was assumed to contain fuel oil.

The analytical results indicated that the liquid sample taken from the dispenser pipes contained benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, chrysene, bis(2-ethylhexyl)phthalate, fluoranthene, indeno(1,2,3-

c,d)pyrene, 2-methylanaphthalene, naphthalene, phenanthrene, and pyrene.

4.5.3 Historic American Engineering Record

In August 2002, Mr. Thomas A. Klug completed a Historic American Engineering Record (HAER) of the Dry Dock Engine Works (portion of which operated on the subject property) on behalf of the City of Detroit. HAER is a program within the National Park Service, US Department of Interior. The purpose of the HAER was to document and interpret the historical significance of the subject property. The historical use information documented by the HAER was used as supporting information during this assessment, and is summarized in Section 4.5.

4.5.4 MDEQ September 2004 Brownfield Redevelopment Assessment

On September 28, 2004, MDEQ completed a Brownfield Redevelopment Assessment (BFRA) of the subject property on behalf of the USEPA. At the time of the reconnaissance, the subject property consisted of a large three-story building with paved drive/parking area on its northeast side. The purpose of MDEQs BFRA reconnaissance was to gather information to be used in development of the BFRA sampling plan, to determine appropriate health and safety requirements, and to determine potential sampling locations. MDEQ identified the following concerns:

- pump island located in the southern portion of the drive/parking area;
- abandoned railroad spur located in the drive/parking area;
- debris piles located throughout the property;
- 20 pound propane tank located in alley next to building; and,
- 200-gallon AST and various debris in northeast end of building;
- large electrical bank with most of the wiring and equipment removed located in southwest bay area; and,
- several small workshop areas in central portion of the building.

It should be noted that MDEQ did not access the upper portions of the building due to risk of injury or potential structural damage.

In addition, in April and May 1990, MDEQ completed a subsurface investigation of the subject property on the behalf of the USEPA. The purpose of this investigation was to (1) determine the levels of EPA Target Compound List Compounds and Target Analyte List analytes which may be present at the subject property, (2) characterize potential contamination in shallow and subsurface soil, (3) ascertain potential contamination migration from possible source areas, and (4) evaluate health and safety concerns.

During the investigation, MDEQ (1) drilled eight soil borings (SB-1 through SB-8), (2) collected 16 soil samples, and (3) submitted samples for laboratory analyses. The soil samples were submitted for laboratory analyses of VOCs, SVOCs, PCBs, and metals.

Analytical results indicated that target parameters were detected at concentrations above MDEQ GRCC. Parameters that exceeded criteria included cis-1,2-dichloroethylene, 1,3,5-trimethylbenzene, vinyl chloride, xylenes, acenaphthene, acenaphthylene, anthracene,

benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, dibenzofuran, fluoranthene, fluorine, 2-methylnaphthalene, naphthalene, phenanthrene, pyrene, PCBs, aluminum, arsenic, barium, cadmium, chromium, cobalt, silver, strontium, and zinc.

In addition, MDEQ collected five samples of various insulating wrap, floor, and ceiling tiles and tested them for ACM. Results indicated that all insulating wrap and the floor tile contained asbestos above regulatory levels. Since not all areas of the building were accessed, MDEQ recommended that a thorough asbestos inspection be conducted to identify all ACM in the building.

MDEQ concluded that the subject property meets the definition of a “facility”, and recommended the following:

- soil contaminated with compounds at levels that exceed direct contact criteria be removed, remediated, and/or encapsulated to prevent exposure;
- a determination of local background concentrations for inorganic compounds may be useful in screening out some criteria exceedances found;
- a determination should be made of whether a local ordinance exists that prohibits the use of groundwater at the subject property for drinking water purposes;
- all regulated ACM should either be removed from the building or be encapsulated during any revitalization or demolition of the building;
- the physical hazards on the property should be remedied before or during redevelopment; and,
- contamination should be considered with respect to responsibilities that may exist under Part 201.

4.5.5 Enviro Matrix December 2004 Building Survey

On December 2, 2004, Enviro Matrix completed a Building Survey on behalf of the Economic Development Corporation of the City of Detroit. At the time of this survey, the subject property consisted of a large abandoned warehouse building. During the investigation, Enviro Matrix completed an asbestos-containing material (ACM) survey, a limited lead-based paint survey, and a hazardous and non-hazardous material survey. Results of Enviro Matrix surveys indicated that asbestos was found in floor tiles and insulation. Lead-based paint was also detected on the painted surfaces inside the subject building. In addition, miscellaneous non-hazardous products were identified inside the subject building.

Enviro Matrix recommended that ACM material be removed in accordance with the current Asbestos National Emission Standards for Hazardous Air Pollutants requirements. Enviro Matrix also recommends lead monitoring and awareness training be conducted during future development.

4.5.6 Michigan Department of Community Health March 2005 Health Consultation

In April 2004, the Michigan Department of Community Health (MDCH) completed a Health Consultation of the subject property under a Cooperative Agreement with the Agency for Toxic Substances and Disease Registry (ATSDR). The purpose of MDCH’s Health Consultation was

to evaluate the health risks associated with the Globe Building. MDCH evaluated exposure scenarios that would protect for all potential future uses including using the property for residential purposes. During this consultation MDCH (1) compared soil analytical results to relevant direct contact and inhalation criteria and (2) compared the maximum soil concentration of each chemical detected to existing acute, intermediate, and chronic environmental soil concentration guidelines (ASTDR) for both cancer and non-cancer ending points. The comparison indicated that several organic and inorganic compounds were found at concentrations that exceed ASTDR values. In addition, MDCH identified ACM material within the subject building.

MDCH concluded that for present exposure pathways the subject building presents no apparent public health hazard due to the short duration of potential exposures. For future exposure pathways MDCH concludes that the property represents an indeterminate public health hazard, because (1) the final uses of the property was not determined and land use will influence the exposure pathways, (2) soil sampling methodology was not designed to properly characterize the extent of the contamination, (3) two 20,000-gallon USTs have not been accounted for on the property, and (4) surrounding properties may be contributing contaminations to the vapor inhalation pathway. MDCH recommends the following:

- Remove ACM according to the NESHAP guidelines;
- Determine if the two unaccounted for 20,000-gallon USTs remain at the property;
- Take actions that will prevent exposure during or after redevelopment, as discussed in MDEQ “Due Care” regulations; and,
- Conduct additional site characterization.

In addition, AKT Peerless obtained a copy of following report from MDEQ file review. This report documents a previous environmental investigation of the subject property:

4.6 HISTORICAL USE INFORMATION

The objective of reviewing historical sources is to: (1) develop a history of previous uses or specific occupancies of the subject property, (2) identify those uses or specific occupancies that are likely to have led to potential environmental concerns at the subject property, and to the extent identifiable, at adjoining properties, and (3) identify obvious uses of the subject property from the present, back to the property’s *obvious* first developed use, or back to 1940, whichever is earlier.

Historical Summary – Subject Property

The following table summarizes the general development and use of the subject property, as identified by AKT Peerless:

Time Period	Improvements	Use	Owner / Occupant	Data Source(s)
1884 through 1892	Manufacturing facility consisting of several buildings.	Machine and pattern shops, foundry, iron room, residential dwellings, and office.	Detroit Dry Docks Co. and Hotel	National Park Service City directories Sanborns

Time Period	Improvements	Use	Owner / Occupant	Data Source(s)
1892 through 1901	Manufacturing facility consisting of several buildings.	Flask shop, sand house, machine shop, pattern shop, foundry, iron crusher, engine room, and blacksmith.	Detroit Dry Docks Co.	National Park Service City directories Sanborns
1902 through 1929	Two large rectangular structures and additions are built connecting all buildings into one large structure. A driveway through the building connects to Atwater	machine shop, pattern shop, engine room, chipping room, and an engine erecting shop, tool room, cleaning and castings, and shipping and receiving.	Detroit Ship Building Co.	City directories Sanborns National Park Service
1929 through 1942	None observed	Unknown	Electromaster Inc. (stove manufacture) and Detroit Edison	City directories National Park Service Municipal records
1950 through 1963	None observed	Warehouse and reconditioning and appliance shop	Detroit Edison Reconditioning and Appliance Shop	City directories National Park Service Sanborn Aerial Photographs Municipal records
1970 through 1997	None observed	Warehouse	Globe Trading Co.	City directories National Park Service Sanborn Aerial Photographs Municipal records
2003 through current	None observed	None / vacant industrial building	City of Detroit	City directories Municipal records Interviews Aerial photographs Site reconnaissance

According to the HAER Article the Dry Dock Engine Works produced marine steam engines on the subject property as early as 1867. The manufacturing and repairing of marine steam engines and boilers continued to occur at the subject property until the mid-1920s. In the mid 1930s, Detroit Edison purchased the subject property. Between 1929 and 1941 Electromaster, Inc. a stove manufacturer occupied the subject property. From at least 1948 until 1963, Detroit Edison Co. owned and operated a warehouse and reconditioning and appliance shop at the subject property. In 1981, Detroit Edison Co. sold the subject property to the Globe Trading Company. The Globe Trading Co. used the subject property for a warehouse until at least 1997. Currently the subject property consists of a vacant industrial/manufacturing building and a portion of vacated Guoin Street. The subject property is currently owned by the City of Detroit.

Historical Summary – Adjoining Properties

North

The northern adjoining property contained an industrial facility, and vacant land from at least

1884 until a large industrial facility was constructed between 1897 and 1922. Previous occupants of this adjoining property have included Detroit Sheet Metal and Brass Works, Detroit Ship Building Co., and Central Iron Foundry Co. Currently, the northern adjoining property contains a vacant lot.

East

The eastern adjoining property contained a boiler shop from at least 1884 until a heating plant was constructed in the 1940s. Previous occupants of this adjoining property have included Dry Docks Engine Works and Detroit Edison Co. Currently, the eastern adjoining property contains a vacant lot.

Southern

The southern adjoining property, beyond East Atwater Street, contained the Detroit Dry Dock Co. operations including a Dry Dock, Saw Mill, office, engine house, iron working and paint shop, and forge shop from at least 1884 until the structures were removed between 1922 and 1950. From at least 1950 until 1966 the southern adjoining property contained the dry dock and was used as the Detroit Edison coaling station. In 1966 the dry dock has been removed leaving a vacant lot. Since at least 1975 a new boat slip has been constructed. Previous occupants of this adjoining property have included Detroit Ship Building Co. docks and yards and Sandblasts Co. Office. Currently, the southern adjoining property consists of a riverfront park.

West

The western adjoining property, beyond Orleans Street, contained a locomotive repair shop since at least 1884 until it was replaced with a construction material and tool yard in 1922. Sometime between 1922 and 1950 the construction yard was removed leaving vacant land with railroad tracks. Previous occupants of this adjoining property have included Detroit Grand Haven and Milwaukee Railroad Co., Grand Trunk Railroad Co., and A.J. Smith Construction Co. Currently, the western adjoining property contains a vacant lot.

4.6.1 Aerial Photographs

AKT Peerless obtained aerial photographs for the subject property from SEMCOG. AKT Peerless' observations noted during the review of these photographs are summarized in the following table. Photocopies of select aerial photographs are presented as Appendix E.

Photograph Dates	Observations (Subject Property)	Potential Environmental Concerns
1949, 1952, 1956, 1961, 1966, 1970, 1975, 1980, 1985, 1990, 1995, 1999, 2000	The subject property contains the existing industrial/manufacturing building	Industrial activities

AKT Peerless' review of historical aerial photographs of the adjoining properties is summarized in the following table:

Photograph Dates	Potential Environmental Concerns (Adjoining Properties)
1949, 1952, 1956, 1961, 1966, 1970, 1975, 1980, 1985, 1990, 1995, 2000	No obvious evidence or indications of recognized environmental conditions or other potential environmental concerns were noted with respect to the adjoining properties during AKT Peerless' review of the referenced aerial photographs, aside from the fact that the adjoining properties appear to have been developed with industrial/manufacturing buildings and railroad tracks since at least 1949.

4.6.2 Fire Insurance Maps

AKT Peerless obtained fire insurance maps for the subject property from EDR. AKT Peerless' observations noted during the review of these maps are summarized in the following table. Photocopies of the referenced maps are presented in Appendix F:

Map Dates	Observations (Subject Property)	Potential Environmental Concerns
1884	The subject property contains the Dry Dock Engine Works, a manufacturing facility consisting of several buildings including machine and pattern shops, a foundry, an iron room, residential dwellings, an office, and coal bins. Railroad tracks run along the northern portion of the subject property	manufacturing activities railroad tracks
1897	The residential dwellings are removed and replaced with a flask shop and sand house. A new machine shop was constructed in the western portion of the property. An iron crusher, engine room, and blacksmith shop are now located on the property. A crude oil pipeline is also located on the subject property.	Railroad tracks, manufacturing activities and crude oil pipeline
1922	The Dry Dock Engine Works buildings are demolished and replaced with the existing manufacturing/industrial building. This building included a machine shop, pattern shop, engine room, chipping room, and an engine erecting shop.	manufacturing activities, railroad tracks
1950, 1951, 1953, 1957	The existing manufacturing/industrial building is used as a warehouse for the Detroit Edison Co.	Warehouse operations and railroad tracks
1961	The existing manufacturing/industrial building is vacant	Railroad tracks
1977, 1988, 1991	The existing manufacturing/industrial building is used as a warehouse for Mill Supply.	Railroad tracks

AKT Peerless' review of historical fire insurance maps of the adjoining properties is summarized in the following table:

Map Dates	Potential Environmental Concerns (Adjoining Properties)
1937, 1940, 1949, 1955, 1962, 1964, 1973, 1985, 1992, 1993, 1997, 2000	No obvious evidence or indications of recognized environmental conditions or other potential environmental concerns were noted with respect to the adjoining properties during AKT Peerless' review of the referenced maps, except for industrial activities (i.e., sheet metal works, locomotive repair shop, Detroit dry docks, foundry, construction yard, machine and forge shops, and boiler shop) on the northern, eastern, southern, and western adjoining properties beginning in the late 1800s and early 1900s. Railroad tracks have been located on the western adjoining property since at least 1884. Several USTs were depicted on the eastern adjoining property in the 1897 and 1950 through 1961 Sanborn Maps. These USTs included two oil and two 11,000-gallon Crude oil USTs.

4.6.3 City Directories

City Directories from various years between 1885 through 2006 were reviewed at the Detroit Public Library. The purpose of this review was to determine the past occupancy of the subject property. Information obtained from the reviewed directories is summarized in the following table:

Dates	Subject Property Occupants (1801 East Atwater Street)
1885 through 1896	Detroit Dry Docks Co. and Hotel
1901 through 1929	Detroit Ship Building Co.
1931 through 1942	Electomaster Inc. (stove manufacture)
1949 and 1950	Address not listed
1957 through 1963	Detroit Edison Reconditioning and Appl. Shop
1970 through 1997	Globe Trading Co.
2003 through 2006	Address not listed

An address that is not listed typically indicates that (1) the property was vacant at that time, (2) a potential building was unoccupied at that time, (3) a previously existing address was different than the current address, (4) the building was not represented in the directory because of a “lag time” between building the structure and compiling the list, or (5) occupant information was not available for inclusion into the directory.

AKT Peerless also reviewed city directories for select adjoining properties to determine their past occupancy. A summary of the select adjoining property occupants is presented in Appendix F. No obvious environmental concerns associated with historical occupants of the adjoining properties were noted, aside from the fact that the adjoining properties appear to have been developed with industrial/manufacturing buildings, coal and storage yards and railroad tracks since at least the late 1800s.

4.6.4 Assessing Department Records

AKT Peerless reviewed tax assessment records on the subject property at the Detroit Assessing Department. The following table summarizes features or items of potential environmental concern, if any, that were noted during the record review:

Environmental Issue	Comments
Storage Tanks	none identified
Asbestos-Containing Materials	none identified
PCB Materials	none identified
On-site Well/Septic System	none identified
Disposal Facilities/Fill Material (e.g., lagoons, pits, landfills, etc.)	none identified

No additional information that could indicate potential environmental concerns at the subject property was found in the records.

AKT Peerless also reviewed the assessing records for the eastern adjoining property located at 1901 E. Atwater Street. According to a diagram in the file, seven storage tanks were located on the eastern adjoining property

Copies of information obtained from the Detroit Assessing Department are included in Appendix F.

4.6.5 Building Department Records

AKT Peerless reviewed building records for the subject property at the Detroit Building Department. AKT Peerless' review indicated that interior alterations to the subject building were conducted in 1937, 1953, 1963, and 1966. Records also indicated that loading docks were added to the factory building in August 1936 and July 1941. In addition, a 21- by 81-foot addition was constructed to the manufacturing plant in March 1944.

5.0 INTERVIEWS

AKT Peerless provided questionnaires to the subject property owner and key site manager, and as available, conducted interviews.

5.1 INTERVIEW WITH SUBJECT PROPERTY OWNER

The City of Detroit did not complete and return the requested questionnaire. Mr. Min Yang, of the City of Detroit Department of Environmental Affairs accompanied AKT Peerless during the site reconnaissance. Mr. Yang stated that he was aware that USTs were associated with the subject property at one time. However, Mr. Yang did not have any information regarding the removal of these USTs.

5.2 INTERVIEW WITH KEY SITE MANAGER

AKT Peerless was not provided with contact information for a key site manager of the subject property.

5.3 INTERVIEW WITH SUBJECT PROPERTY OCCUPANT

The subject property is currently vacant.

5.4 INTERVIEW WITH OTHERS

AKT Peerless was not provided with contact information for other knowledgeable individuals during this Phase I ESA.

6.0 SUBJECT PROPERTY RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

The subject property reconnaissance consisted of visual and physical observations of the subject property. AKT Peerless visually and/or physically observed the periphery of the subject property. In addition, AKT Peerless observed the subject property from all adjacent public thoroughfares. AKT Peerless viewed the subject property following a grid pattern designed to cover representative portions of the unimproved areas.

Mr. Tim McGahey and Ms. Megan Bahorski of AKT Peerless conducted the subject property reconnaissance on June 11, 2007. Officer Richard Townsel Jr. of the City of Detroit Police Department and Mr. Yang, accompanied Mr. McGahey and Ms. Bahorski during the reconnaissance. AKT Peerless encountered the following project specific facts or conditions that limited our ability to access the subject property:

- Exterior observations were limited due to dense vegetation along the northern side of subject property.
- Visual observations of the subject building's interior were limited due to structural instability, the presence of debris, the absence of electrical lighting, and a locked loading dock area in the southeastern portion of the building.

6.2 GENERAL SUBJECT PROPERTY SETTING AND OPERATIONS

The subject property is currently developed with a vacant, former manufacturing/industrial building. The exterior of the subject property is improved with heavy vegetation and former railroad tracks. A gated truck well is located on the east side of the subject building and two pump islands are located in the southeast corner of the subject property.

6.3 OBSERVATIONS

6.3.1 Hazardous Substances and Petroleum Products

AKT Peerless did not observe hazardous substances or petroleum products at the subject property.

6.3.2 Hazardous and Non-Hazardous Waste

AKT Peerless did not observe hazardous or non-hazardous waste at the subject property.

6.3.3 Storage Tanks

AKT Peerless observed two former dispenser islands located near the southeastern portion of the subject property.

AKT Peerless did not observe evidence of current or former AST systems at the subject property. AKT Peerless was not able to access this bay due to locked doors.

6.3.4 Unidentified Substances/Containers

AKT Peerless did not observe evidence of unidentified substances or other suspect containers on the subject property, except for the following:

Material	Use / Location	Quantity	Observations
Six plastic containers	Unknown / Center of building	Approximately 30-gallons	Containers contain a brown liquid

6.3.5 Potential PCB Containing Equipment

AKT Peerless inspected the subject property for the presence of liquid-cooled electrical units such as transformers and large capacitors. Such units are notable since they may be potential sources of PCBs (polychlorinated biphenyls). AKT Peerless did not observe suspect PCB-containing equipment at the subject property, except for the following:

Source Description	Source Location	Responsibility	Observations
Fluorescent light fixtures	Subject building interior	Subject property owner	No evidence of a release

Fluorescent light ballasts manufactured before 1980 may contain PCBs. These ballasts are considered small capacitors under the Toxic Substances Control Act (TSCA). An inspection of these fluorescent light ballasts for evidence of PCB content was beyond the scope of this assessment. However, no obvious evidence of leaking units was noted. Given the subject building's date of construction (1867), it is AKT Peerless' opinion that these fixtures may/are not likely to contain PCBs.

6.3.6 Interior Staining / Corrosion

AKT Peerless observed several dark stains in the subject building. The stains ranged in size from small to large. These stains were located through out the building and in some cases; they were present on corroded concrete or along engineered floor seams. These stains were most likely caused from the various manufacturing activities that took place in the subject property.

6.3.7 Drains and Sumps

AKT Peerless did not observe drains or sumps in the subject building. [or: , except for the following:

6.3.8 Discharge Features

Storm water that falls upon the subject property appears to percolate directly into the ground, evaporate, or runoff into the adjoining road right-of-ways. AKT Peerless observed storm water catch basins on the northeast portion of the subject property.

6.3.9 Pits, Ponds, and Lagoons

AKT Peerless did not observe evidence of pits, ponds, or lagoons, or evidence thereof, at the subject property.

6.3.10 Solid Waste Dumping / Landfills

AKT Peerless did not observe evidence of solid waste dumping or landfills at the subject property.

6.3.11 Stained Soil, Stressed Vegetation, Stressed/Stained Pavement

AKT Peerless did not observe any evidence of stained soil, stressed vegetation, stressed pavement, or stained pavement at the subject property.

6.3.12 Well and Septic Systems

AKT Peerless did not observe physical evidence or indication of wells or septic systems at the subject property.

6.3.13 Other Observations

AKT Peerless did not observe evidence of other potential environmental concerns at the subject property, except for the following:

Description	Location	Observed Environmental Concerns
Railroad tracks	Running through northern portion of building and north central portion. Also running along vacated Guoin Street.	Potential concerns typically associated with railroad tracks include the use of fill materials as ballast to support the ties and rails of the railroad tracks and leaks or spills of hazardous materials or petroleum products.
Suspicious pipe	Near southeastern portion of the subject property	The former purpose of this pipe is not known
Potential machine pits	Building interior	Potential former machine pit
Fill material	On undeveloped areas	Fill material
Concrete Slab	Eastern interior of subject building	Potential storage area
Debris and Irregular soil mounds	Northern wall of subject building	Hazardous debris and possible buried hazards
Vent Stack	Eastern wall of subject building	Residual ash inside. Former use not determined

6.4 NON-ASTM SCOPE CONSIDERATIONS

AKT Peerless did not evaluate any other potential environmental conditions (i.e., further areas of possible business/environmental concern and/or liability) that are outside the scope of ASTM Standard Practice E 1527-05. Examples of such potential environmental conditions that were beyond the scope of this Phase I ESA include asbestos-containing materials (ACMs), cultural and historic resources, ecological resources, endangered species, health and safety, high-voltage power lines, indoor air quality, industrial hygiene, lead-based paints (LBPs), lead in drinking water, moisture intrusion/suspect mold growth, noise pollution, radon, regulatory compliance/non-compliance and/or wetlands.

AKT Peerless advises users of this document who wish to obtain an evaluation of the subject property relative to any of the aforementioned non-ASTM issues to engage the services of a qualified environmental professional.

7.0 CONCLUSIONS AND RECOMMENDATIONS

7.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

We have performed a Phase I ESA of the subject property in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 and AAI 40 CFR Part 312. Any exceptions to, or deletions from, this practice are described in Section 8 and Appendix A of this report. This assessment has revealed no evidence of RECs in connection with the subject property, except for the following:

1. As described throughout this report, the subject property consisted of a manufacturing facility from at least 1867 until 1981. The subject property was used as a warehouse facility

from 1981 until 1997. Previously conducted investigations of the property indicated that VOCs, PNAs, and metals were detected in soil and groundwater beneath the subject property, and that the property meets the definition of a “facility” as defined in Part 201. In addition, the subject property was identified on the “open,” leaking underground storage tank (LUST) site database. It is AKT Peerless’ opinion that a potential exists for the subject property’s soil and groundwater to have been adversely affected by the historical use of the subject property.

2. As described through out the report, the following USTs were located on the subject property:

Underground Storage Tanks				
Installation Date	Tank Contents	Tank Capacity	Removal Date	Tank Status
1948	Gasoline	20,000 gallons	Unknown	Unknown
February 1949	Gasoline	20,000 gallons	June 1990	Removed
February 1949	Gasoline	20,000 gallons	June 1990	Removed
1953	Fuel Oil	20,000 gallons	Unknown	Unknown

AKT Peerless also observed two former dispenser islands located near the southeast portion of the subject property. On February 9, 1998, a confirmed release was reported by MDEQ based on review of a BEA submitted for the subject property. According to previous environmental reports pipes located on these former dispenser islands were sampled and results indicated that the liquid contained benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, chrysene, bis(2-ethylhexyl)phthalate, fluoranthene, indeno(1,2,3-c,d)pyrene, 2-methylanaphthalene, naphthalene, phenanthrene, and pyrene.

As described through out this report records have indicated that at least four USTs have been located on the subject property. Only two of these USTs have removal records. Therefore, the potential exists for abandoned USTs to remain buried at the subject property.

3. As described in Section 6.3.6, AKT Peerless observed stained concrete through out the subject building. The stains ranged in size from small to large. These stains were located through out the building and in some cases; they were present on corroded concrete or along engineered floor seams. These stains were most likely caused from the various manufacturing activities that took place in the subject property. It is AKT Peerless’ opinion that a potential exists for the subject property’s soil and groundwater to have been adversely affected by the releases that caused the referenced stains.
4. As described in section 6.3.4, six plastic containers with approximately 30-gallons of a brown liquid were located in the center of the subject building. The contents and use of these containers is unknown. In addition stained concrete was observed around these containers. It is AKT Peerless’ opinion that a potential exists for the subject property’s soil and groundwater to have been adversely affected by releases from these containers.
5. As described in Section 4.5.2, railroad tracks were located in vacated Guion Street and along

the northern interior portion of the subject building since at least 1884. In addition railroad tracks have been located on the eastern adjoining property since at least 1884. Potential concerns typically associated with railroad tracks include the use of fill materials as ballast to support the ties and rails of the railroad tracks and leaks or spills of hazardous materials or petroleum products.

6. As described in Section 4.5.2, an underground crude oil pipeline was identified beneath the subject property in the Sanborn maps. The pipeline extended north from the southern adjoining property to the center of the subject building near the former iron crusher, and then extends east to the oil reclamation system and crude oil UST on the eastern adjoining property. Previous investigations indicate concentrations of 1,1-dichloroethene, trichloroethene, and vinyl chloride were detected above MDEQ Residential GSI criteria in groundwater samples collected in this area. It is AKT Peerless' opinion that a potential exists for the subject property's soil and groundwater to have been adversely affected by this pipeline.
7. As discussed in Sections 4.4.2 and 4.6.3, Detroit Edison used the subject building as a reconditioning and application shop from at least 1955 through the 1960s. A letter to the City of Detroit from Detroit Edison, dated June 1955, stated that Detroit Edison is not required to pay the fire department invoice since they only transport transformer oil with a flash point of 130 degrees centigrade. The letter also describes that Detroit Edison stores a 1,000-gallon, a 1,300-gallon, and two 5,000-gallon tanker trucks within the subject building.
8. As discussed in Section 6.3.13, AKT Peerless observed fill material on the ground surface of the undeveloped areas. The origin of this material is not known.
9. As discussed in Section 6.3.13, potential machine pits were observed in the subject building. One of these pits appeared to be filled in with concrete and the other remained open. It is AKT Peerless' opinion that a potential exists for the subject property's soil and groundwater to have been adversely affected by releases from the activities associated with these pits.
10. As discussed in Section 6.3.13, a large concrete slab was observed in the eastern interior of the subject building. Due to the construction and size of this slab it appears that the pad was used to store product or waste material. It is AKT Peerless' opinion that the potential exists for the subject property's soil and groundwater to have been adversely affected by releases for the products stored on this slab.
11. As discussed in Section 6.3.13, a suspicious pipe was observed coming out of the ground near the southeaster portion of the subject property. The former purpose of this pipe is not known. It is AKT Peerless' opinion that the potential exists for the subject property's soil and groundwater to have been adversely affected by releases for this suspicious pipe.
12. As discussed in Section 6.3.13, several irregular soil mounds and debris was observed on the northern portion of the subject property. These mounds could indicate possible buried waste or debris.
13. As discussed in Section 6.3.13, a vent stack was observed on the eastern wall of the subject building. The vent stack contained residual ash and the former use of the stack was not

determined.

14. As described in Sections 4.5 and 4.5.2, industrial activities (i.e., sheet metal works, locomotive repair shop, Detroit dry docks, foundry, construction yard, coal yard, machine and forge shops, potential lagoons, and boiler shop) were conducted on the surrounding adjoining properties from at least the late 1800s until as late as the 1980s. In addition, several USTs and a crude oil pipeline were located on the eastern adjoining property.

Because RECs were identified during the performance of the Phase I ESA, further investigation and/or assessment is warranted in order to determine the nature, extent, magnitude, and materiality of the RECs associated with the subject property. In addition, AKT Peerless recommends conducting a geophysical survey of the subject property to evaluate the potential for abandoned USTs.

7.2 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

AKT Peerless did not identify HRECs in connection with the subject property.

7.3 AREAS OF POTENTIAL CONCERN AND SIGNIFICANT DATA GAPS

AKT Peerless did not identify other areas of potential concern in connection with the subject property during the course of this ESA, except for the following:

- As discussed in Section 6.3.5, based on the age of the subject building, fluorescent light ballasts noted during the site inspection may contain PCBs. It is AKT Peerless' opinion these fixtures represent a minimal environmental risk to the subject property. However, upon replacement of the fixtures during future renovations, the ballasts should be evaluated and, if PCB-containing, handled in accordance with applicable regulations.
- As discussed in Section 4.5, several ACM and LBP survey have been conducted on the subject building. Results of these surveys indicated that ACM was found in floor tiles and pipe insulation. In addition, LBP was found on painted surfaces throughout the building. AKT Peerless' recommends the removal of this material prior to renovation or demolition activities.

AKT Peerless did not identify or encounter any instances of significant data gaps during the course of this ESA, except for the following

- AKT Peerless' review of readily available standard and other historical sources provided only limited information regarding utilities associated with the former industrial building present on the subject property since at least 1884. This gap in historical information is considered *data failure* as provided in Section 7.3.2.3 of the ASTM Standard Practice For ESAs (E 1527).

8.0 DEVIATIONS

AKT Peerless did not deviate from ASTM Standard Practice E 1527-05 when performing this Phase I ESA (i.e., no components of that practice were deleted, and no additions to it were made).

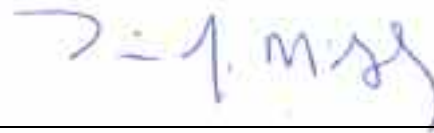
9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

I declare that, to the best of our knowledge and professional belief, I meet the definition of environmental professional as defined in ASTM E-1527-05 and §312.10 of 40 CFR 312 or conducted this inquiry under the supervision or responsible charge of, an environmental professional. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in ASTM E-1527-05 and 40 CFR Part 312. Further, the work completed by Ms. Bahorski was conducted under my supervision.

A handwritten signature in black ink that reads "Megan Bahorski".

Megan Bahorski
Environmental Consultant
AKT PEERLESS ENVIRONMENTAL SERVICES
Detroit, Michigan Office

phone: 313-962-9553
fax: 313-962-0966

A handwritten signature in blue ink that reads "Timothy J. McGahey".

Timothy J. McGahey, CHMM
Senior Project Manager
AKT PEERLESS ENVIRONMENTAL SERVICES
Detroit, Michigan Office

phone: 313-962-9553
fax: 313-962-0966

QUALIFICATIONS



Professional Environmental Services

PROFESSIONAL PROFILE

MEGAN BAHORSKI

Environmental Consultant

Environmental Compliance and Assessment Services

EDUCATION

Bachelor's of Science: Environmental Studies and Applications

Michigan State University, East Lansing, Michigan

PROFESSIONAL EXPERIENCE

Environmental Consultant

AKT Peerless Environmental Services

BB&J Staff Scientist I

NEPA Experience

AREA OF EXPERTISE

- (1) Evaluating the potential environmental risk at commercial and raw-land properties
- (2) Conducting Phase I environmental site assessments
- (3) Providing oversight of soil and ground water Phase II ESA subsurface investigations

SUMMARY OF SELECTED PROJECTS

- (1) Performed Phase I environmental site assessments (ESA) of commercial and raw-land properties
- (2) Provided oversight of soil and ground water Phase II ESA subsurface investigations
- (3) Completed National Environmental Policy Act Reports for a large telecommunications client
- (4) Participated in writing proposals for Phase II ESA subsurface investigations
- (5) Worked on the TCNS/SHPO process for a large telecommunications client

CERTIFICATIONS AND SPECIALIZED TRAINING

OSHA – 40-Hour Hazardous Waste Operations Training

OSHA – 8-Hour Hazardous Waste Operations Training



Professional Environmental Services

PROFESSIONAL PROFILE

TIMOTHY J. MCGAHEY, CHMM

Senior Project Manager
Environmental Compliance and Assessment Services

EDUCATION

Bachelor of Science: Environmental Science, 1998
Aquinas College, Michigan

PROFESSIONAL EXPERIENCE

Senior Environmental Consultant
AKT Peerless Environmental Services

AREA OF EXPERTISE

- (1) Conducting Phase I environmental site assessments (ESAs)
- (2) Conducting environmental compliance audits
- (3) Field management and activities coordination
- (4) Coordinating environmental investigations
- (5) Asbestos building inspections

ADDITIONAL EXPERTISE

- (1) Conducting field operations such as soil, surface water, and groundwater sampling
- (2) Oversight of field operations such as monitoring well installation, and contaminant delineation
- (3) Preparing Phase II Subsurface Investigation Reports, (4) preparing Baseline Environmental Assessment Reports
- (4) Preparing Section 20107a Compliance Evaluations
- (5) Conducting geophysical surveys
- (6) Preparing US EPA Work Plan/Sampling Analysis Plans
- (7) Creating maps, diagrams, and drawings

SUPPORTING AREA OF EXPERTISE

- (1) Working knowledge of state and federal environmental regulations applicable to wastewater discharges
- (2) Toxic release inventory reporting
- (3) Hazardous chemical inventory reporting

Mr. McGahey has over seven years of experience in investigative activities regarding hazardous materials, substances or contaminants; including environmental site assessment and long-term monitoring and removal activities. Mr. McGahey has conducted subsurface investigations to evaluate the presence and/or extent of soil and groundwater contamination.

SUMMARY OF SELECTED PROJECTS

- (1) Performed Phase I ESAs (including project management, site reconnaissance, regulatory and historical records investigations, and report completion) for financial institutions, manufacturing facilities, real estate developers, property managers, and insurance companies. Properties included industrial, commercial, and residential sites. Properties assessed were located in Michigan, Ohio, Indiana, Virginia, Arizona, Texas, Oklahoma, Tennessee, and Nebraska.
- (2) Conducted environmental compliance audit for plastics forming facility. Audit focused on determining the facility degree of compliance with applicable federal, state and local environmental regulations and recommending actions to achieve compliance.
- (3) Performed Environmental Transaction Screen Assessments (including project management, field activity, site reconnaissance, regulatory historical records investigations, and report completion) for financial institutions.
- (4) Prepared annual Toxic Chemical Release Inventory (Form R) and Hazardous Chemical Inventory (Tier II) reports for industrial facilities.
- (5) Prepared quarterly Wastewater Discharge Permits for plastics forming facility.
- (6) Prepared Storm Water Pollution Prevention Plans for various manufacturing facilities.
- (7) Conducted hazardous materials surveys for operating and abandoned industrial facilities.
- (8) Supervised drilling and mobile lab operations. Activities included: selecting boring locations, collecting soil samples, field screening soil samples, installing monitoring wells, and selecting samples for laboratory analysis.
- (9) Supported USEPA in a critical removal action for an abandoned industrial facility in Hamtramck, Michigan.

SUMMARY OF SELECTED PROJECTS (continued)

- (10) Conducted vertical profiling and discrete sampling of groundwater at specific depths to determine the vertical extent of contamination. Conducted delineation procedures to determine the exact location and extent of soil contamination.
- (11) Conducted geophysical surveys using an EM-61MK2 metal detector, and prepared scaled, contoured site maps depicting anomalous areas.
- (12) Conducted long term monitoring including well development and well sampling procedures.
- (13) Provided technical expertise and project management support for the Downriver Area Brownfield Consortium (DABC) USEPA Brownfield Assessment Grants and Detroit/Wayne County Port Authority (DWCPA) Brownfield Assessment Grants. These grants are designed to empower communities in the economic redevelopment of Brownfield sites. Duties include management, oversight, property assessments; participation in monthly meetings; developing USEPA Work Plans, preparing quarterly reports, and communication with USEPA.
- (14) Conducted and managed due-diligence investigations for large-scale (more than 40 properties) portfolio property purchases.

REGISTRATIONS/CERTIFICATIONS

Certified Hazardous Materials Manager (CHMM) by the Academy of Certified Hazardous Materials Managers (Certificate No. 010213)

Health and Safety Training for Hazardous Waste Sites (OSHA-mandated 40-hour training)

OSHA 8-Hour refresher courses

Michigan Department of Environmental Quality Certified Storm Water Operator (Industrial)

OSHA Confined Space Entrant and Attendant Course

Completed AHERA Asbestos Building Inspector Course

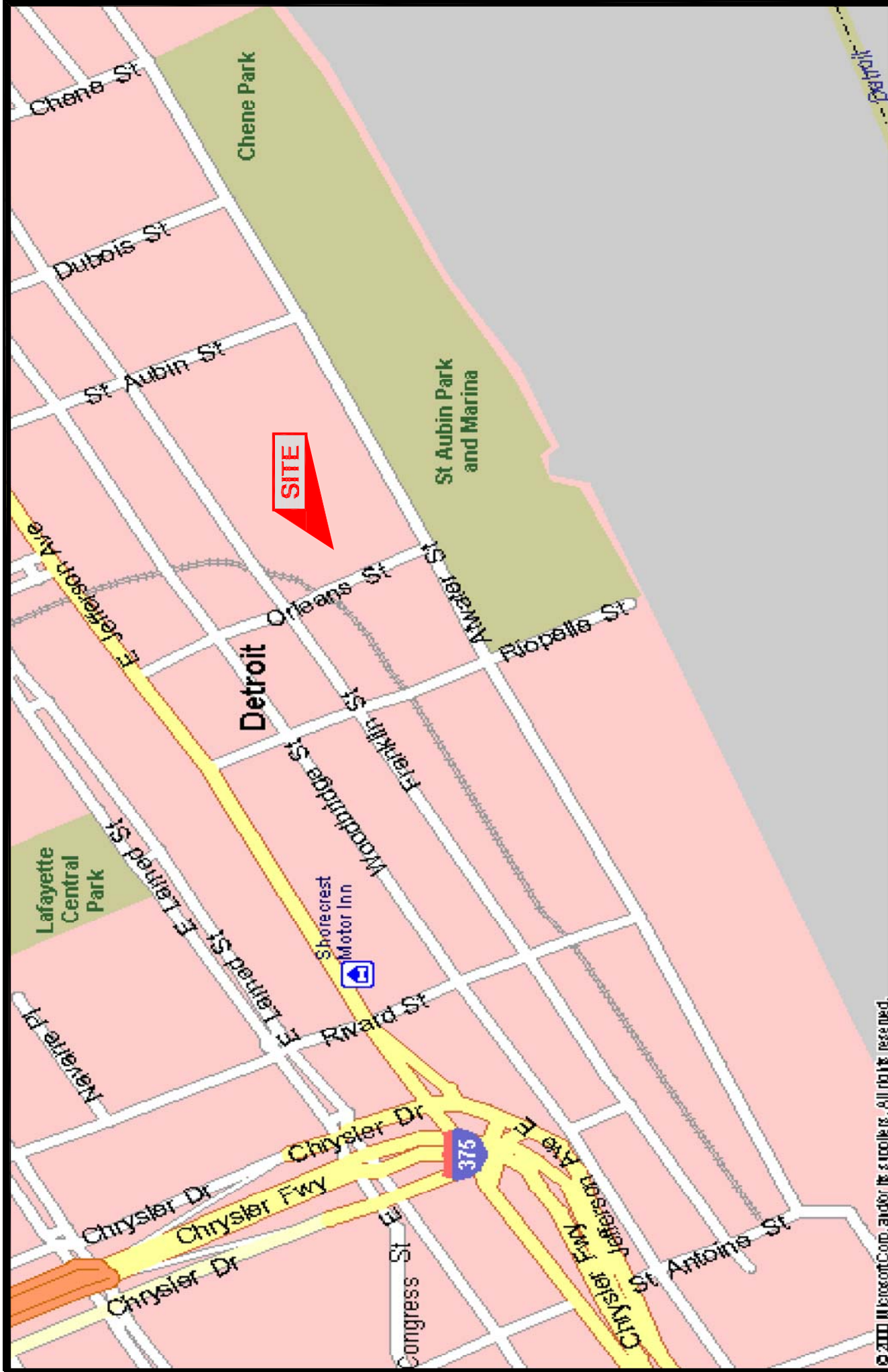
First Aid / CPR

PROFESSIONAL AFFILIATIONS

Member

Academy of Certified Hazardous Materials Managers, Michigan Chapter

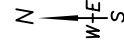
FIGURES



DRAWN BY: JM
DATE: 08.21.06

FIGURE 1

LEGEND



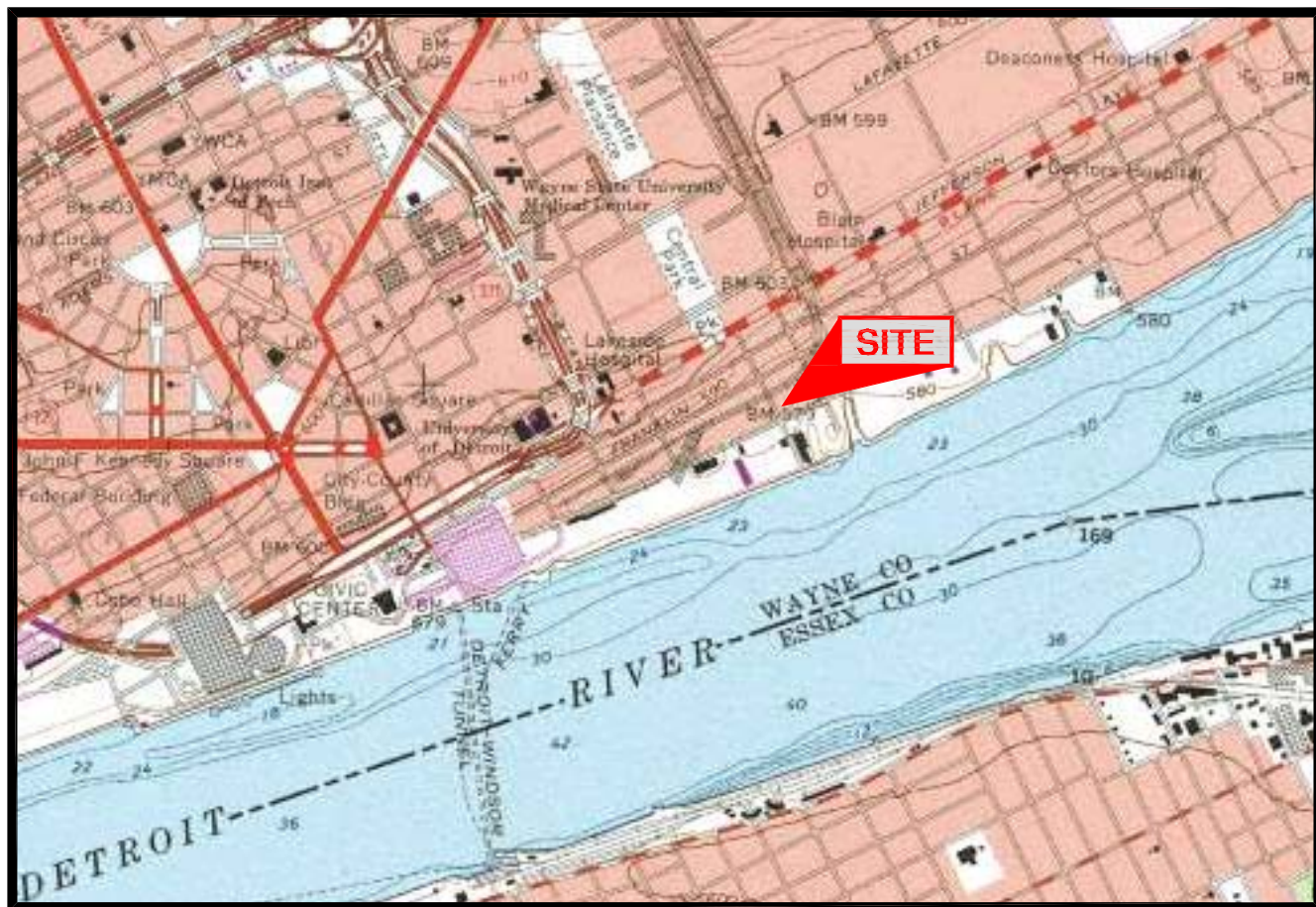
SUBJECT PROPERTY LOCATION MAP

GLOBE BUILDING
1801 E. ATWATER STREET
DETROIT, MICHIGAN
PROJECT NUMBER : 5134D

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environmental services

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DETROIT QUADRANGLE
MICHIGAN - WAYNE COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)



T.2 S. - R.12 E.

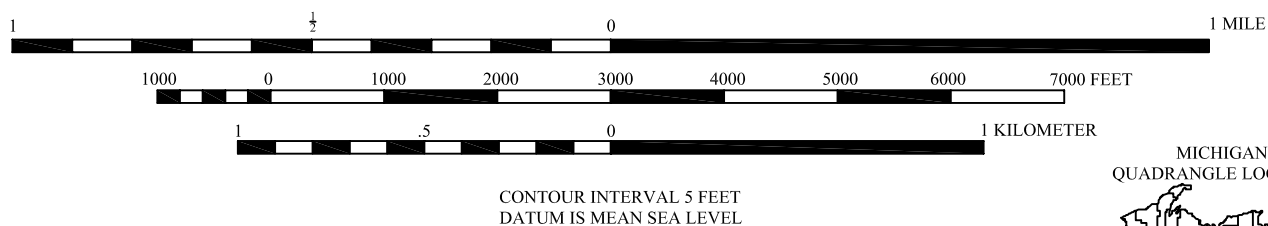
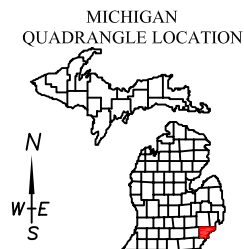
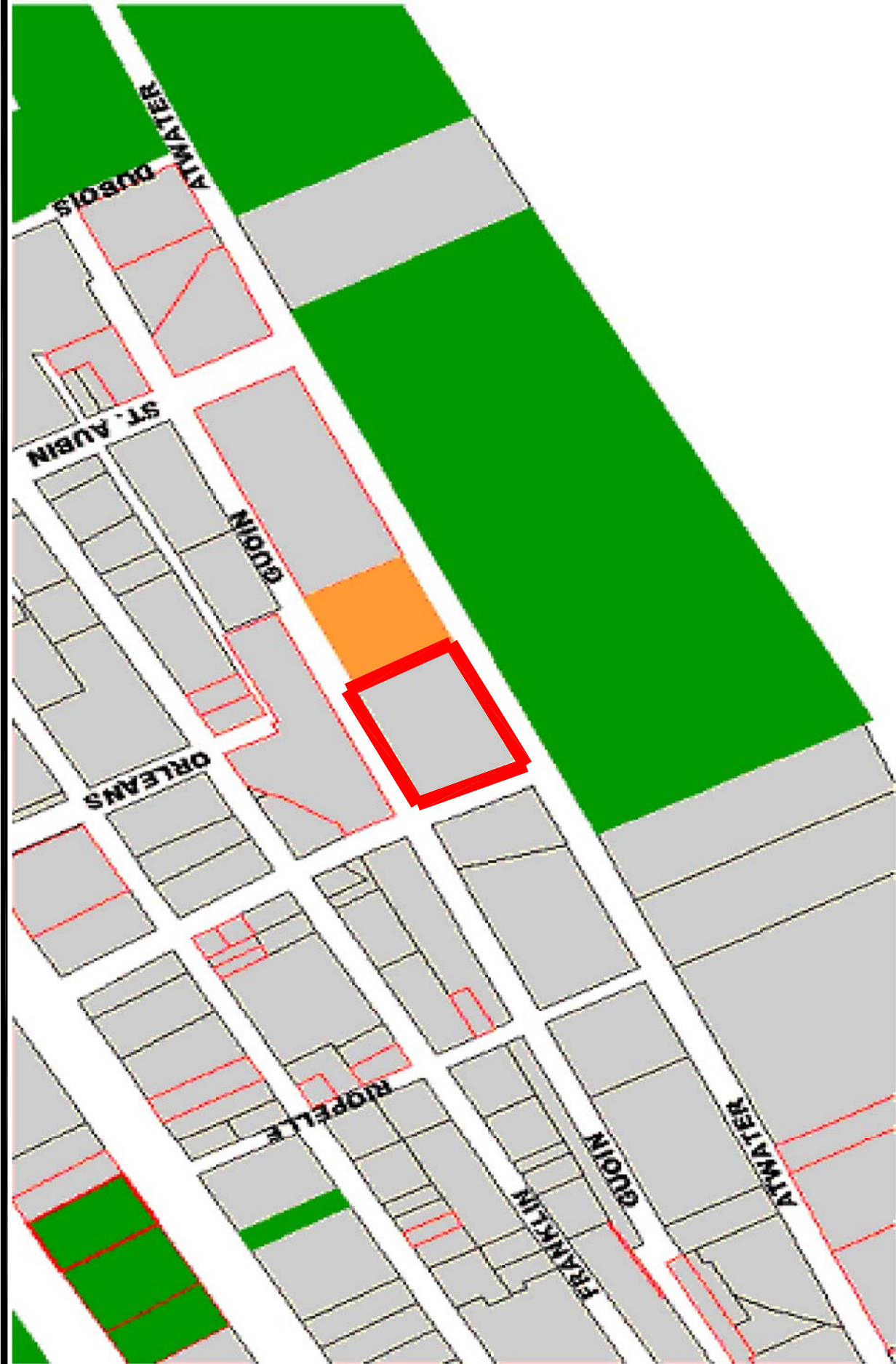
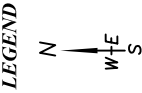


IMAGE TAKEN FROM 1968 U.S.G.S. TOPOGRAPHIC MAP
PHOTOREVISED 1973 AND 1980



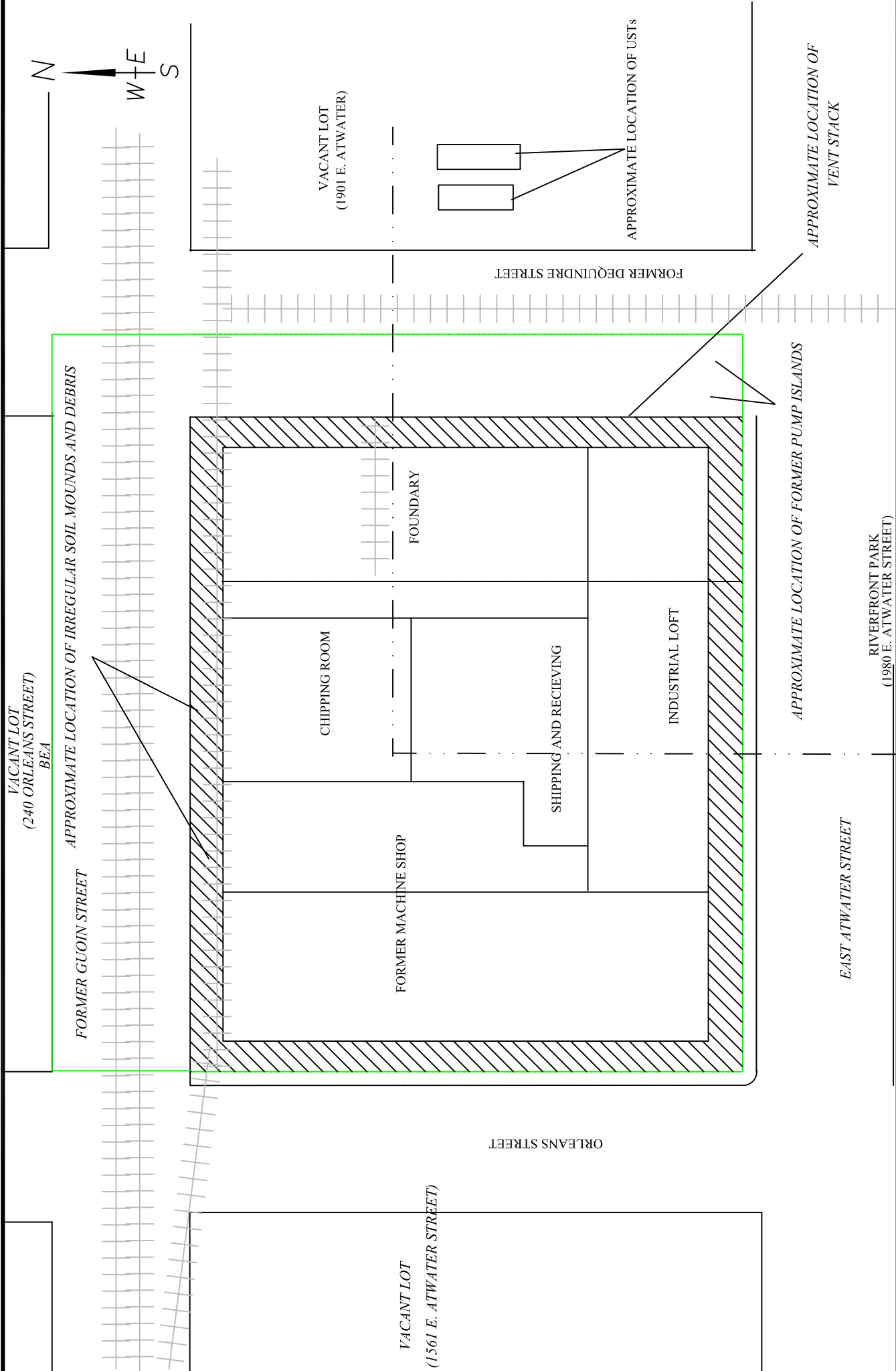



PARCEL MAP
 GLOBE BUILDING
 1801 E. ATWATER STREET
 DETROIT, MICHIGAN
 PROJECT NUMBER : 5134D



DRAWN BY: MAB
 DATE: 06.20.06

FIGURE 3



**AKTPEERLESS**
environmental services

SUBJECT PROPERTY MAP
GLOBE BUILDING
1801 E. ATWATER STREET
DETROIT, MICHIGAN
PROJECT NUMBER : 5134D

LEGEND
— = PROPERTY LINE
▣ = SUBJECT BUILDING
— = CRUDE OIL PIPELINE

DRAWN BY: MAB
DATE: 06.20.06

FIGURE 4

APPENDIX A

GENERAL LIMITATIONS AND EXCEPTIONS

General Limitations and Exceptions

Subject to the proposal, scope-of-services, and the related terms and conditions referenced in Section 1.0 of this Phase I ESA, AKT Peerless accepts responsibility for the competent performance of its duties in executing the assignment and preparing reports in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages.

Although AKT Peerless believes that the findings, opinions, and recommendations contained herein are reliable and appropriate, AKT Peerless cannot warrant or guarantee that the information provided is exhaustive, or that the information obtained from any data sources is complete or accurate.

Along with the inherent limitations set forth in various sections of ASTM Standard Practice E 1527-05, the accuracy and completeness of this report may be limited by the following facts or conditions:

Due to the poor scale of the historical aerial photographs, the presence or absence of small features (e.g., individual drums, fuel dispensers) could not be discerned reliably.

AKT Peerless made reasonable efforts to determine if USTs or related equipment (collectively referred to as UST systems) are or have been present at the subject property. AKT Peerless defines reasonable efforts as obtaining and evaluating information from visual observations of unobstructed areas and from the secondary sources cited in this report. AKT Peerless recognizes, and suggests users of this assessment acknowledge, that the accuracy of our conclusions relative to the on-site presence or use of UST systems may be directly affected by the presence of physical obstructions at the time of the reconnaissance, or affected by our receipt and evaluation of incorrect information.

AKT Peerless' evaluation of soil and groundwater features at and near the subject property was based only on published maps and other readily available information. AKT Peerless used this information to assess soil types and groundwater flow directions to determine if conditions at any nearby sites present an environmental threat to the subject property.

Unless specifically noted otherwise, invasive investigation of any kind has not been performed during this Phase I ESA, nor has observation under floors, above ceilings, behind walls, within the surface and subsurface soil, within groundwater, within confined spaces, roof tops, or inaccessible areas been performed.

AKT Peerless did not conduct sampling or analysis of air, soil, groundwater, surface water, or building materials as part of this Phase I ESA, unless specifically noted otherwise.

This Phase I ESA did not include a physical inspection of the adjoining properties, which AKT Peerless observed from the subject property and from readily accessible public rights-of-way.

AKT Peerless typically does not review historical or environmental information about nearby sites in detail unless known activities or events at a nearby site appear to present an environmental threat to the subject property.

AKT Peerless' scope of services did not include conducting a review of property title documentation. AKT Peerless requested property title documentation and environmental cleanup liens from the Client, but was not provided this information, unless specifically noted

otherwise. However, as described in this report, AKT Peerless made reasonable attempts to determine if the State Environmental Agency maintains documentation regarding environmental liens recorded against the subject property.

This assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems, that may be associated with the subject property.

This Phase I ESA did not include any investigation or evaluation of issues not specifically related to petroleum products or hazardous substances as defined in CERCLA (i.e., other areas of potential business environmental risk such as radon, lead in drinking water, etc.).

The information and opinions contained in the report are given in light of this assignment. The report must be reviewed and relied upon only in conjunction with the terms and conditions expressly agreed-upon by the parties and as limited therein.

Although AKT Peerless believes the results contained in herein are reliable, AKT Peerless cannot warrant or guarantee that the information provided is exhaustive, or that the information provided by the Client, third parties, or the secondary information sources cited in this report is complete or accurate.

AKT Peerless is not in a position to provide an opinion regarding the Fair Market Value of the subject property. Therefore, a comparison of the purchase price of the subject property to other similar real estate transactions was not conducted during this assessment.

Nothing in this report constitutes a legal opinion or legal advice. For information regarding individual or organizational liability, AKT Peerless recommends consultation with independent legal counsel.

AKT Peerless relied upon specific or common knowledge of the Client, or information provided to the Client, to identify environmental liens, institutional controls, activity use limitations, or property valuation issues. As possible within the time frame and cost of this project, AKT Peerless looked for any obvious environmental information regarding these issues made readily available during the course of this ESA.

The information and opinions presented in this report are for the exclusive use of the Client. No distribution to or reliance by other parties may occur without the express written permission of AKT Peerless. AKT Peerless will not distribute this report without written consent from the Client, or as required by law or by a Court order.

Any third parties to whom the right to rely on the contents of this report have been granted by AKT Peerless, which is explicitly required prior to any third-party release, expressly agrees to be bound by the original terms and conditions entered into by AKT Peerless and the Client.

APPENDIX B

LEGAL DESCRIPTION

First American Title Insurance Company

Commitment Number: 0508588-98 REV #4

SCHEDULE C
PROPERTY DESCRIPTION

The land referred to in this Commitment is described as follows:

Land in the City of Detroit, County of Wayne, State of Michigan being more particularly described as:

Lots 1 through 10, both inclusive, Block 4, and the Westerly 40 feet of vacated Dequindre Street Easterly of and adjoining said Lots 5 and 6 "A Town Plat of the Farm of Antoine Dequindre assigned by Deed of Trust to Peter Desnoyer drawn up by Anson E. Hathon at the request of the parties interested. For the purpose of being recorded February 4, 1840 A. E. Hathon" as recorded Liber 10 Pages 715, 716 and 717 City Records, Wayne County Records.

Commonly known as: 1801-1803 E. Atwater
Tax Parcel ID: Ward 07 Item 000011

Also described as:

Beginning at the Northwest corner of Lot 1, Block 4, of said "Plat of Subdivision of the A. Dequindre Farm", also being the intersection of the Northeasterly line of Orleans Street (50 feet wide) with the Southeasterly line of Guoin Street (50 feet wide); thence North 64 degrees 39 minutes 33 seconds East along the Northwestern line of Lots 1 through 5, inclusive of said "Plat of Subdivision of the A. Dequindre Farm" also being the Southeasterly line of said Guoin Street, 232.52 feet; thence South 25 degrees 34 minutes 55 seconds East 200.06 feet to the Southeasterly corner of Lot 6, Block 4 of said "Plat of Subdivision of the A. Dequindre Farm", also being the intersection of the Southwesterly line of said vacated Dequindre Ave. with the Northwestern line of Atwater Street (50 feet wide); thence South 64 degrees 39 minutes 33 seconds West along the Southeasterly line of Lots 6 through 10, inclusive, Block 4 of said "Plat of Subdivision of the A. Dequindre Farm", also being the Northwestern line of said Atwater Street, 236.99 feet (recorded as 236.65 feet); to the Southwesterly corner of Lot 10, also being the intersection of the Northwestern line of said Atwater Street with the Northeasterly line of said Orleans Street; thence North 25 degrees 09 minutes 35 seconds West along the Southwesterly line of Lots 1 and 10, Block 4, of said "Plat of Subdivision of the A. Dequindre Farm", also being the Northeasterly line of said Orleans Street, 200.06 feet (recorded 200.00 feet) to the point of beginning.

That Part of Guoin Street, a Public Street:

Beginning at the intersection of the Southeasterly line of Guoin Street (50 feet wide) with the Northeasterly line of Orleans Street (50 feet wide), intersection also being the Northwestern corner of Lot 1, Block 4, of said "A Town Plat of the Farm of Antoine Dequindre", thence North 25 degrees 09 minutes 35 seconds West 50.00 feet to the intersection of the Northeasterly line of said Orleans Street with the Northwestern line of said Guoin Street, also being the Southwesterly corner of Lot 10, Block 7, of said "A Town Plat of the Farm of Antoine Dequindre", thence North 64 degrees 39 minutes 33 seconds East along the Northwestern line of said Guoin Street also being the Southeasterly line of Lots 6 through 10, inclusive, Block 7, of said, "A Town Plat of the Farm of Antoine Dequindre", 232.77 feet to the Southeasterly corner of said Lot 6, Block 7, also being the intersection of the Northwestern line of said Guoin Street with the Southwesterly line of Vacated Dequindre Avenue (60 feet wide); thence South 28 degrees 18 minutes 14 seconds East 50.06 feet to a point along the Southwesterly line of said Guoin Street; thence South 64 degrees 39 minutes 33 seconds West along the Northwestern line of Lots 1 through 5, inclusive, Block 4, of said "A Town Plat of the Farm of Antoine Dequindre", also being the Southeasterly line of said Guoin Street, 235.52 feet to the point of beginning.

APPENDIX C

RECONNAISSANCE PHOTOGRAPHS



*PHOTOGRAPH NO. 1: SUBJECT PROPERTY:
AS VIEWED FACING WEST*



*PHOTOGRAPH NO. 2: SUBJECT PROPERTY:
SUBJECT BUILDING CENTER*

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RECONNAISSANCE PHOTOGRAPHS

GLOBE BUILDING
1801 E. ATWATER STREET
DETROIT, MICHIGAN

TAKEN BY: M. BAHORSKI
DATE: 06.11.06

PROJECT NUMBER: 5134D-1-17



*PHOTOGRAPH NO. 3: SUBJECT PROPERTY:
FORMER MACHINE SHOP*



*PHOTOGRAPH NO. 4: SUBJECT PROPERTY:
ROOMS IN SOUTH PORTION OF BUILDING*

AKTPEERLESS
environmental services

RECONNAISSANCE PHOTOGRAPHS

GLOBE BUILDING
1801 E. ATWATER STREET
DETROIT, MICHIGAN

TAKEN BY: M. BAHORSKI
DATE: 06.11.06

PROJECT NUMBER: 5134D-1-17



*PHOTOGRAPH NO. 5: SUBJECT PROPERTY
AS VIEWED FACING NORTH*



*PHOTOGRAPH NO. 6: SUBJECT PROPERTY:
ABANDONED CONTAINERS INSIDE SUBJECT BUILDING*



*PHOTOGRAPH NO. 7: SUBJECT PROPERTY:
POTENTIAL FORMER MACHINE PIT (FILLED)*



*PHOTOGRAPH NO. 8: SUBJECT PROPERTY:
CABLE-DRIVEN ELEVATOR IN SOUTHWEST PORTION OF SUBJECT BUILDING*

AKTPEERLESS
environmental services

RECONNAISSANCE PHOTOGRAPHS

GLOBE BUILDING
1801 E. ATWATER STREET
DETROIT, MICHIGAN

TAKEN BY: M. BAHORSKI
DATE: 06.11.06

PROJECT NUMBER: 5134D-1-17



*PHOTOGRAPH NO. 9: SUBJECT PROPERTY:
POTENTIAL FORMER MACHINE PIT (OPEN)*



*PHOTOGRAPH NO. 10: SUBJECT PROPERTY:
THERMAL PIPE INSULATION*



*PHOTOGRAPH NO. 11: SUBJECT PROPERTY:
CONCRETE SLAB – POTENTIAL FORMER STORAGE AREA*



*PHOTOGRAPH NO. 12: SUBJECT PROPERTY:
RAILROAD TRACKS NORTHERN BUILDING INTERIOR*



*PHOTOGRAPH NO. 13: SUBJECT PROPERTY:
VENT STACK OUTSIDE EAST SIDE OF BUILDING*



*PHOTOGRAPH NO. 14: SUBJECT PROPERTY:
SUSPICIOUS PIPE (USE NOT DETERMINED) NEAR SOUTHEAST*



*PHOTOGRAPH NO. 15: SUBJECT BUILDING:
SUSPECTED FORMER SEWER PIPE EAST SIDE OF THE BUILDING*



*PHOTOGRAPH NO. 16: SUBJECT PROPERTY:
IRREGULAR SOIL MOUNDS AND DEBRIS ALONG NORTHERN WALL OF SUBJECT BUILDING (NOTE PROPANE TANK)*



*PHOTOGRAPH NO. 17: SUBJECT PROPERTY
SUSPECTED FORMER DISPENSER ISLAND NEAR SOUTHEASTERN CORNER OF SUBJECT PROPERTY*



*PHOTOGRAPH NO. 18: SUBJECT PROPERTY:
RAILROAD TRACK NEAR EASTERN PROPERTY BOUNDARY*



*PHOTOGRAPH NO. 19: NORTHERN ADJOINING PROPERTY:
VACANT LAND – 240 ORLEANS STREET*



*PHOTOGRAPH NO. 20: EASTERN ADJOINING PROPERTY:
VACANT LAND – 1901 EAST ATWATER STREET*



*PHOTOGRAPH NO. 21: SOUTHERN ADJOINING PROPERTY:
TRICENTENNIAL STATE PARK – 1980 EAST ATWATER STREET*



*PHOTOGRAPH NO. 22: WESTERN ADJOINING PROPERTY
VACANT LAN – 1561 EAST ATWATER STREET*

APPENDIX D

STANDARD ENVIRONMENTAL RECORD DATABASE REPORT



The EDR Radius Map™ Report

**Globe Building
1801 Atwater Street
Detroit, MI 48207**

Inquiry Number: 1717473.1s

July 21, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1801 ATWATER STREET
DETROIT, MI 48207

COORDINATES

Latitude (North): 42.333000 - 42° 19' 58.8"
Longitude (West): 83.027200 - 83° 1' 37.9"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 332982.3
UTM Y (Meters): 4688526.0
Elevation: 579 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42083-C1 DETROIT, MI
Most Recent Revision: 1980

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
1801 E. ATWATER 1801 E. ATWATER DETROIT, MI	BEA	N/A
GLOBE TRADING BUILDING PROPERTY 1801 EAST ATWATER STREET DETROIT, MI 48207	LUST Facility Status: Open BEA	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

DEL SHWS	Delisted List of Contaminated Sites
SWF/LF	Solid Waste Facilities Database
HIST LF	Inactive Solid Waste Facilities
PEAS	Pollution Emergency Alerting System
AUL	Engineering and Institutional Controls
DRYCLEANERS	Drycleaning Establishments
BROWNFIELDS	Brownfields and USTfield Site Database
NPDES	List of Active NPDES Permits
AIRS	Permit and Emissions Inventory Data

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

EDR Historical Auto Stations	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners	EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/09/2006 has revealed that there are 16 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INLAND LAKES MANAGEMENT AT LAF	1500 E ATWATER ST	0 - 1/8 WSW A3		7
<i>LAFARGE CORPORATION</i>	<i>1500 E ATWATER ST</i>	<i>0 - 1/8 WSW A4</i>		<i>8</i>
<i>ST AUBIN PARK MARINA</i>	<i>1900 ATWATER</i>	<i>0 - 1/8 ENE 7</i>		<i>12</i>
<i>CONTAINER MARINE TERM CNSLDTD</i>	<i>1930 ATWATER</i>	<i>0 - 1/8 ENE 8</i>		<i>12</i>
<i>HAYES FILE CO</i>	<i>1986 FRANKLIN ST</i>	<i>1/8 - 1/4NNE B10</i>		<i>15</i>
HAYES FILE CO	2000 FRANKLIN	1/8 - 1/4NNE B11		15
<i>SEYMOUR CADILLAC</i>	<i>1522 WOODBRIDGE</i>	<i>1/8 - 1/4WNW 12</i>		<i>15</i>
<i>TECHNICOM GROUP THE</i>	<i>1940 WOODBRIDGE</i>	<i>1/8 - 1/4N 13</i>		<i>16</i>
<i>WOLVERINE TOOL</i>	<i>1480 WOODBRIDGE</i>	<i>1/8 - 1/4WNW 14</i>		<i>16</i>
<i>FERRO MFG CO</i>	<i>1367 FRANKLIN ST</i>	<i>1/8 - 1/4W C16</i>		<i>17</i>
<i>RIVERSIDE FORD INC</i>	<i>1833 E JEFFERSON</i>	<i>1/8 - 1/4NNW 18</i>		<i>18</i>
CRAIN COMMUNICATIONS INC	1400 WOODBRIDGE AVE	1/8 - 1/4WNW 19		21
<i>CEMEX INC</i>	<i>2122 E ATWATER ST</i>	<i>1/8 - 1/4ENE D21</i>		<i>22</i>
<i>RIVERSIDE FORD TRUCK DEPT</i>	<i>1555 E JEFFERSON</i>	<i>1/8 - 1/4NW 23</i>		<i>23</i>
<i>INTERNATIONAL METAL PROD INC</i>	<i>2130 FRANKLIN</i>	<i>1/8 - 1/4NE 25</i>		<i>24</i>
<i>MOBIL OIL CORP</i>	<i>2010 E JEFFERSON</i>	<i>1/8 - 1/4N E26</i>		<i>24</i>

STATE AND LOCAL RECORDS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by

EXECUTIVE SUMMARY

potentially responsible parties. The data come from the Department of Environmental Quality's Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 05/18/2006 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
A.T. WAGNER PROPERTY Facility Status: Inactive - no actions taken to address contamination	2720 WIGHT STREET	1/4 - 1/2 NE	F35	36

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 06/13/2006 has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LAFARGE CORPORATION Facility Status: Open	1500 E ATWATER ST	0 - 1/8 WSW A4		8
KOENIG CONCRETE Facility Status: Closed Facility Status: Open	1470 ATWATER ST	0 - 1/8 WSW 5		10
AMBASSADOR STEEL CO Facility Status: Open	1469 ATWATER ST	1/8 - 1/4 WSW 9		13
CRAIN COMMUNICATIONS INC Facility Status: Closed	1370 FRANKLIN ST	1/8 - 1/4 W C15		17
RIVERSIDE FORD INC Facility Status: Open Facility Status: Closed	1833 E JEFFERSON	1/8 - 1/4 NNW 18		18
MEDUSA CEMENT CO Facility Status: Open	2122 ATWATER ST	1/8 - 1/4 ENE D22		22
MOBIL Facility Status: Open Facility Status: Open	2010 E JEFFERSON	1/8 - 1/4 N E27		25
JEFFERSON CHEVROLET Facility Status: Open	2130 JEFFERSON	1/4 - 1/2 NNE 29		29
REN-CEN SERVICE GARAGE Facility Status: Closed Facility Status: Closed	901 ATWATER ST	1/4 - 1/2 WSW 31		31
SPEEDWAY #8735 Facility Status: Closed Facility Status: Open	711 E JEFFERSON AVE	1/4 - 1/2 W 37		36

EXECUTIVE SUMMARY

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 03/13/2006 has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LAFARGE CORPORATION	1500 E ATWATER ST	0 - 1/8 WSW A4		8
KOENIG CONCRETE	1470 ATWATER ST	0 - 1/8 WSW 5		10
AMBASSADOR STEEL CO	1469 ATWATER ST	1/8 - 1/4 WSW 9		13
CRAIN COMMUNICATIONS INC	1370 FRANKLIN ST	1/8 - 1/4 W C15		17
RIVERSIDE FORD INC	1833 E JEFFERSON	1/8 - 1/4 NNW 18		18
MEDUSA CEMENT CO	2122 ATWATER ST	1/8 - 1/4 ENE D22		22
MOBIL	2010 E JEFFERSON	1/8 - 1/4 N E27		25

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Natural Resources' Michigan AST database.

A review of the AST list, as provided by EDR, and dated 03/23/2006 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MOBIL OIL	2010 E JEFFERSON AVE	1/8 - 1/4 N	E28	29

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 06/16/2006 has revealed that there are 10 BEA sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LAFARGE CORPORATION	1500 E ATWATER ST	0 - 1/8 WSW A4		8
Not reported	240 ORLEANS, 1939 1990	0 - 1/8 NW 6		12
CITY OF DETROIT	2111 EAST ATWATER ST	1/8 - 1/4 ENE D17		18
CITY OF DETROIT	2122 EAST ATWATER ST	1/8 - 1/4 ENE D20		22
EMANUEL STEWARD'S PLACE (FORME	1940 E. JEFFERSON AVENU	1/8 - 1/4 N 24		24
THE STROH COMPANIES INC	210 CHENE	1/4 - 1/2 ENE 30		30
Not reported	965 E. JEFFERSON AVE	1/4 - 1/2 W 33		34
FORMER A. T. WAGNER BUILDING	2720 WIGHT STREET	1/4 - 1/2 NE F34		35
Not reported	2652 E. ATWATER ST.	1/4 - 1/2 ENE 36		36
COMERICA BANK	660 WOODBRIDGE STREET	1/4 - 1/2 WSW 38		37

EDR PROPRIETARY RECORDS

EDR Manufactured Gas Plants: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and

EXECUTIVE SUMMARY

non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1 mile of the target property.

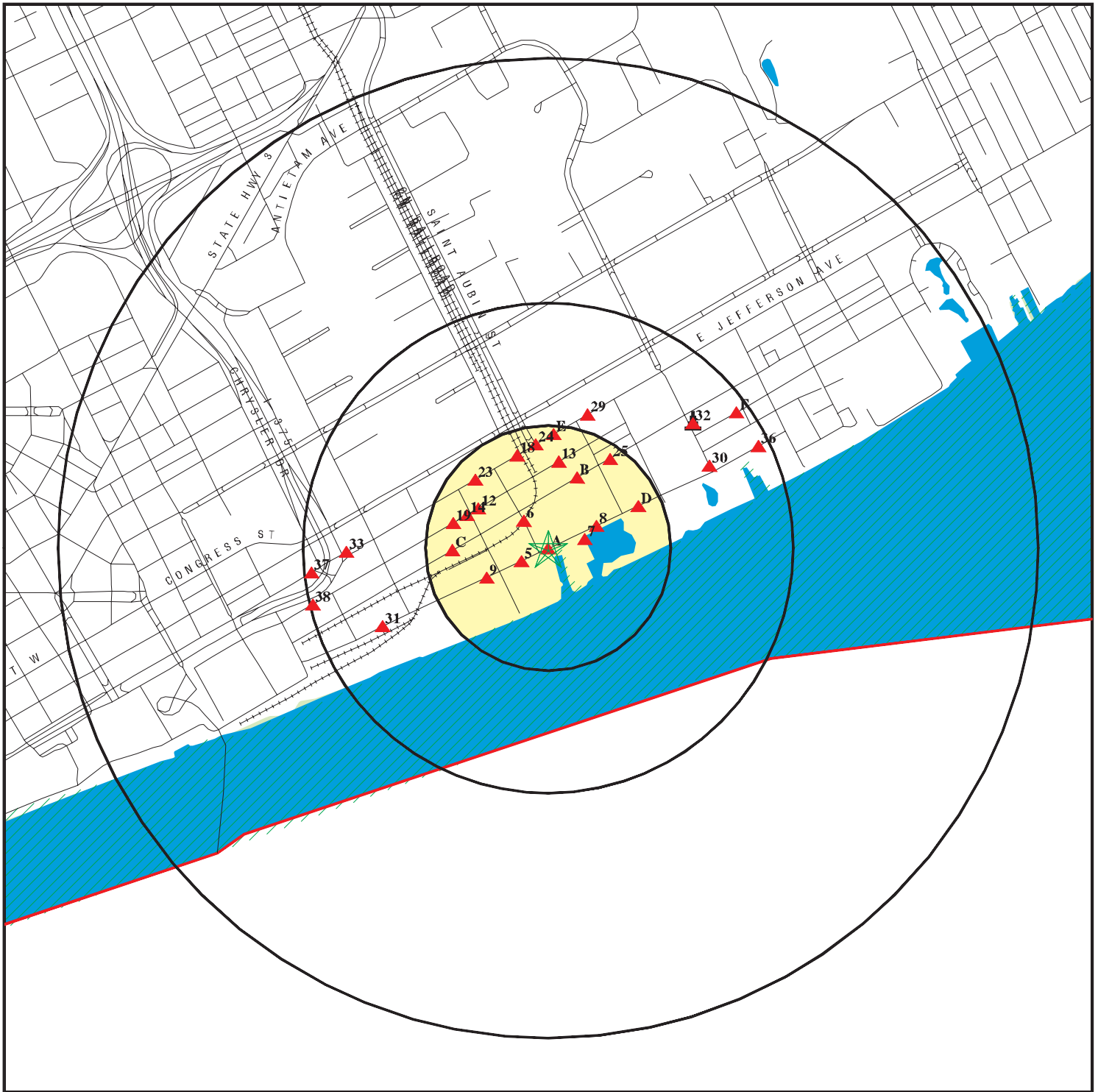
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DETROIT GAS CO- CHENE STREET S	FRANKLIN AND CHENE	1/4 - 1/2NE	32	34

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
RUSSELL/WATSON ST NR EASTERN MKT	SHWS
FORMER LAFAYETTE BUILDING	BROWNFIELDS
STATE FAIR GROUND TANKS	BROWNFIELDS
DETROIT MULTI-SITE BUILDING DEMOLI	BROWNFIELDS
SHELL RETAIL GASOLINE STATION	AUL
BYBLOS, INC.	AUL
FREE PRESS GARAGE	LUST, UST
MICHIGAN PLAZA BUILDING	LUST, UST
JEFFERSON-CHENE PROPERTY	US BROWNFIELDS
DEQUINDRE RAIL LINE	BEA
14100 - 14140 E JEFFERSON	BEA
1340, 1350, 1420, 1440 E. ATWA	BEA
3000 ASSOCIATES LLC	BEA
CITY OF DETROIT	BEA
AMMORI INVESTMENTS, INC.	BEA
(FORMER) BLAIN HOSPITAL	BEA
0.349 ACRE RIVERWALK EASEMENT PROP	BEA
JEFFERSON HOLDING PARCELS	BEA
JEFFERSON HOLDING PARCELS	BEA
DETROIT/WAYNE COUNTY PORT AUTHORIT	BEA
DEQUINDRE RAIL LINE	BEA
AMERICAN AXLE & MANUFACTURING	BEA
CITY OF DETROIT	BEA
ONE-ACRE WAREHOUSE PROPERTY	BEA
HEALTH PLAN OF MICHIGAN INC.	BEA

OVERVIEW MAP - 1717473.1s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

⚙ Manufactured Gas Plants

🚧 National Priority List Sites

🗑 Landfill Sites

🏢 Dept. Defense Sites



🏞 Indian Reservations BIA

📏 County Boundary

🛢 Oil & Gas pipelines

🌊 100-year flood zone

🌊 500-year flood zone

🌿 National Wetland Inventory

🌿 State Wetlands

SITE NAME: Globe Building
ADDRESS: 1801 Atwater Street
Detroit MI 48207
LAT/LONG: 42.3330 / 83.0272

CLIENT: AKT Peerless Env. Services
CONTACT: Tim Mcgahey
INQUIRY #: 1717473.1s
DATE: July 21, 2006

DETAIL MAP - 1717473.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚠ Sensitive Receptors
- 🚒 National Priority List Sites
- 🗑 Landfill Sites
- 🛡 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- 🛢 Oil & Gas pipelines
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🌿 National Wetland Inventory
- 🌿 State Wetlands

SITE NAME: Globe Building
 ADDRESS: 1801 Atwater Street
 Detroit MI 48207
 LAT/LONG: 42.3330 / 83.0272

CLIENT: AKT Peerless Env. Services
 CONTACT: Tim Mcgahey
 INQUIRY #: 1717473.1s
 DATE: July 21, 2006

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	4	12	NR	NR	NR	16
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.000	0	0	1	0	NR	1
DEL SHWS		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
LUST	X	0.500	2	5	3	NR	NR	10
UST		0.250	2	5	NR	NR	NR	7
AST		0.250	0	1	NR	NR	NR	1
PEAS		TP	NR	NR	NR	NR	NR	0
AUL		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
BEA	X	0.500	2	3	5	NR	NR	10

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	1	0	NR	1
EDR Historical Auto Stations		TP	NR	NR	NR	NR	NR	0
EDR Historical Cleaners		TP	NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1

Target
Property

1801 E. ATWATER
DETROIT, MI

BEA

S105768145
N/A

Site 1 of 4 in cluster A

Actual:
579 ft.

BEA:

Petition Disclosure: 0
BEA Number: 1575
District: Southeast MI
Date Received: 2001-12-17 00:59:00
Submitter Name: City of Detroit
Petition Determination: No Request
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: novake
Division Assigned: Environmental Response Division
Secondary Address: 1901 E. Atwater

A2

Target
Property

GLOBE TRADING BUILDING PROPERTY
1801 EAST ATWATER STREET
DETROIT, MI 48207

LUST

BEA

S103028806
N/A

Site 2 of 4 in cluster A

Actual:
579 ft.

LUST:

Facility ID: 50000028
Release Date: Jan 1 1990
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Nrt Owner
Owner Address : Unknown
Unknown, MI 99999
Country : USA
Owner Phone : Not reported
Leak Number: C-0107-98
Site Name : Globe Trading Company
Substance Released Unknown

BEA:

Petition Disclosure: 1
BEA Number: 529
District: Southeast MI
Date Received: 1998-02-03 00:00:00
Submitter Name: GLOBE ASSOCIATES, L.L.C.
Petition Determination: Affirmed
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: temppm
Division Assigned: Storage Tank Division
Secondary Address: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

A3 **INLAND LAKES MANAGEMENT AT LAFARGE DOCK** **RCRA-SQG** **EDR ID Number**
WSW **1500 E ATWATER ST** **1004725472**
< 1/8 **DETROIT, MI 48207** **MIR000046029**
111 ft.

Relative: **Site 3 of 4 in cluster A**

Equal

RCRAInfo:

Owner: LAFARGE CORP

EPA ID: MIR000046029

Contact: MATTHEW STUMP
(313) 259-0660

Actual:
579 ft.

Classification: Conditionally Exempt Small Quantity Generator

TSD Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	COMPLIANCE SCHEDULE VIOLATION
Date Violation Determined:	10/27/1999
Actual Date Achieved Compliance:	02/01/2000
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/27/1999
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined:	10/27/1999
Actual Date Achieved Compliance:	06/01/2000
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/27/1999
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	10/27/1999
Actual Date Achieved Compliance:	06/01/2000
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/27/1999
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	10/27/1999
Actual Date Achieved Compliance:	06/01/2000
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/27/1999
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	10/27/1999
Actual Date Achieved Compliance:	06/01/2000
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	10/27/1999
Penalty Type:	Not reported

There are 5 violation record(s) reported at this site:

Evaluation

Area of Violation

Date of
Compliance

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INLAND LAKES MANAGEMENT AT LAFARGE DOCK (Continued)

EDR ID Number
EPA ID Number

Non-Financial Record Review	COMPLIANCE SCHEDULE VIOLATION	20000201
	GENERATOR-MANIFEST REQUIREMENTS	20000601
	GENERATOR-GENERAL REQUIREMENTS	20000601
	GENERATOR-RECORDKEEPING REQUIREMENTS	20000601
	GENERATOR-LAND BAN REQUIREMENTS	20000601

A4
WSW
< 1/8
111 ft.

LAFARGE CORPORATION
1500 E ATWATER ST
DETROIT, MI 48207

RCRA-SQG
FINDS
LUST
UST
BEA

1000155365
MID985581073

Site 4 of 4 in cluster A

Relative:
Equal

RCRAInfo:
Owner: LAFARGE CORP
EPA ID: MID985581073
Contact: MICHAEL CAMPBELL
(313) 259-0660

Actual:
579 ft.

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Facility ID: 00017604
Release Date: May 1 1990
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : XXXXXXXXXX
Owner Address : XXXXXXXXXX

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAFARGE CORPORATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000155365

Country : USA
Owner Phone :
Leak Number: C-0779-90
Site Name : Lafarge Corporation
Substance Released Diesel,Gasoline

BEA:

Petition Disclosure: 0
BEA Number: 396
District: Southeast MI
Date Received: 1997-07-23 00:00:00
Submitter Name: LAFARGE CORPORATION
Petition Determination: No Request
Category: Different Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: tempm
Division Assigned: Environmental Response Division
Secondary Address: Not reported

UST:

Facility ID: 00017604
Facility Status: CLOSED
Tank ID: 1
Owner: Rex Trans
Owner Country: USA
Owner Contact: Not reported
Owner Address: 3170 AIRPORT ST
FLINT, MI 48507
Owner Phone: (313) 238-8070
Product: Diesel
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: Sep 5 1990
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: JERRY JAMES
Contact Phone: (313) 354-9050
Impressed Device: No
Install Date: Apr 29 1961
Release Detection:
Tank: Manual Tank Gauging,Tank Tightness Testing
Pipe: Not reported

Facility ID: 00017604
Facility Status: CLOSED
Tank ID: 2
Owner: Rex Trans
Owner Country: USA
Owner Contact: Not reported
Owner Address: 3170 AIRPORT ST
FLINT, MI 48507
Owner Phone: (313) 238-8070
Product: Diesel
Capacity: 6000
Tank Status: Removed from Ground
Remove Date: Sep 5 1990

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LAFARGE CORPORATION (Continued)

1000155365

Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: JERRY JAMES
Contact Phone: (313) 354-9050
Impressed Device: No
Install Date: Apr 29 1961
Release Detection:
 Tank: Manual Tank Gauging, Tank Tightness Testing
 Pipe: Not reported

Facility ID: 00017604
Facility Status: CLOSED
Tank ID: 3
Owner: Rex Trans
Owner Country: USA
Owner Contact: Not reported
Owner Address: 3170 AIRPORT ST
 FLINT, MI 48507
Owner Phone: (313) 238-8070
Product: Diesel
Capacity: 6000
Tank Status: Removed from Ground
Remove Date: Sep 5 1990
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: JERRY JAMES
Contact Phone: (313) 354-9050
Impressed Device: No
Install Date: Apr 29 1961
Release Detection:
 Tank: Manual Tank Gauging, Tank Tightness Testing
 Pipe: Not reported

5
WSW
< 1/8
318 ft.

KOENIG CONCRETE
1470 ATWATER ST
DETROIT, MI 48207

LUST **U000267129**
UST **N/A**

Relative:
Higher

LUST:
Facility ID: 00033414
Release Date: Oct 3 1994
Facility Status: Closed
District: SE Michigan District Office
Closed Date: Aug 22 1995
Owner Contact : Not reported
Owner Name : Lafarge Corp
Owner Address : 1435 FORD AVE PO BOX 396
 SOUTHFIELD, MI 48037
Country : USA
Owner Phone : (313) 354-9050
Leak Number: C-0284-90
Site Name : Lafarge Corporation - Detroit Te
Substance Released Unknown, Unknown

Actual:
580 ft.

Facility ID: 00033414
Release Date: Apr 16 1990
Facility Status: Open

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

KOENIG CONCRETE (Continued)

U000267129

District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Lafarge Corp
Owner Address : 1435 FORD AVE PO BOX 396
SOUTHFIELD, MI 48037
Country : USA
Owner Phone : (313) 354-9050
Leak Number: C-1226-95
Site Name : Lafarge Detroit Terminal
Substance Released Gasoline

UST:

Facility ID: 00033414
Facility Status: CLOSED
Tank ID: 1
Owner: Lafarge Corp
Owner Country: USA
Owner Contact: Not reported
Owner Address: 1435 FORD AVE PO BOX 396
SOUTHFIELD, MI 48037
Owner Phone: (313) 354-9050
Product: Diesel
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: Sep 5 1990
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: JERRY JAMES
Contact Phone: (313) 354-9050
Impressed Device: No
Install Date: Dec 28 1961
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00033414
Facility Status: CLOSED
Tank ID: 2
Owner: Lafarge Corp
Owner Country: USA
Owner Contact: Not reported
Owner Address: 1435 FORD AVE PO BOX 396
SOUTHFIELD, MI 48037
Owner Phone: (313) 354-9050
Product: Gasoline
Capacity: 6000
Tank Status: Removed from Ground
Remove Date: Sep 5 1990
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: JERRY JAMES
Contact Phone: (313) 354-9050
Impressed Device: No
Install Date: Dec 28 1961
Release Detection:

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KOENIG CONCRETE (Continued)

EDR ID Number
EPA ID Number

Database(s)

Tank: Not reported
Pipe: Not reported

U000267129

**6
NW
< 1/8
395 ft.**

**240 ORLEANS, 1939 1990 AND 1999 GUION
DETROIT, MI**

**BEA S105768265
N/A**

**Relative:
Higher**

BEA:

Petition Disclosure: 0
BEA Number: 1516
District: Southeast MI
Date Received: 2001-10-15 00:59:00
Submitter Name: Ecomonic Development Corp
Petition Determination: No Request
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: novake
Division Assigned: Environmental Response Division
Secondary Address: Not reported

**7
ENE
< 1/8
408 ft.**

**ST AUBIN PARK MARINA
1900 ATWATER
DETROIT, MI 48226**

**RCRA-SQG 1000159780
FINDS MID985566744**

**Relative:
Higher**

RCRAInfo:

Owner: DETROIT BUILDING AUTH
EPA ID: MID985566744
Contact: JOHN WICKEY
(313) 224-3957

**Actual:
580 ft.**

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**8
ENE
< 1/8
577 ft.**

**CONTAINER MARINE TERM CNSLDTD DOCK INC
1930 ATWATER
DETROIT, MI 48207**

**RCRA-SQG 1000395801
FINDS MID005538657**

**Relative:
Higher**

**Actual:
581 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CONTAINER MARINE TERM CNSLDTD DOCK INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000395801

RCRAInfo:

Owner: CONTAINER MARINE TERM CONSOLIDATED DOCK
EPA ID: MID005538657
Contact: DAN HERRERA
(313) 259-2060

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

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9
WSW
1/8-1/4
731 ft.

AMBASSADOR STEEL CO
1469 ATWATER ST
DETROIT, MI 48207

LUST UST U000267128
N/A

Relative:
Higher

Actual:
580 ft.

LUST:

Facility ID: 00006356
Release Date: Sep 1 1992
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Ambassador Steel Co
Owner Address : 1469 Atwater St
Detroit, MI 48207
Country : USA
Owner Phone : (313) 259-6600
Leak Number: C-1501-92
Site Name : Ambassador Steel Co
Substance Released Diesel

UST:

Facility ID: 00006356
Facility Status: CLOSED
Tank ID: 1
Owner: Ambassador Steel Co
Owner Country: USA
Owner Contact: Not reported
Owner Address: 1469 Atwater St
Detroit, MI 48207
Owner Phone: (313) 259-6600
Product: Diesel
Capacity: 5500
Tank Status: Removed from Ground
Remove Date: Sep 1 1992
Constr Material: Unknown
Piping Material: Unknown
Piping Type: Not reported
Contact: RONALD POCHINCO
Contact Phone: (313) 259-6600

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

AMBASSADOR STEEL CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000267128

Impressed Device: No
Install Date: Feb 4 1966
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00006356
Facility Status: CLOSED
Tank ID: 2
Owner: Ambassador Steel Co
Owner Country: USA
Owner Contact: Not reported
Owner Address: 1469 Atwater St
Detroit, MI 48207
Owner Phone: (313) 259-6600
Product: Gasoline
Capacity: 955
Tank Status: Removed from Ground
Remove Date: Sep 1 1992
Constr Material: Unknown
Piping Material: Unknown
Piping Type: Not reported
Contact: RONALD POCHINCO
Contact Phone: (313) 259-6600
Impressed Device: No
Install Date: Feb 4 1966
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00006356
Facility Status: CLOSED
Tank ID: 3
Owner: Ambassador Steel Co
Owner Country: USA
Owner Contact: Not reported
Owner Address: 1469 Atwater St
Detroit, MI 48207
Owner Phone: (313) 259-6600
Product: Not reported
Capacity: Not reported
Tank Status: Removed from Ground
Remove Date: Jan 1 1980
Constr Material: Unknown
Piping Material: Unknown
Piping Type: Not reported
Contact: RONALD POCHINCO
Contact Phone: (313) 259-6600
Impressed Device: No
Install Date: Feb 4 1966
Release Detection:
Tank: Not reported
Pipe: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
B10 NNE 1/8-1/4 795 ft.	HAYES FILE CO 1986 FRANKLIN ST DETROIT, MI 48207 Site 1 of 2 in cluster B Relative: Higher Actual: 584 ft. RCRAInfo: Owner: HAYES FILE COMPANY EPA ID: MID005318092 Contact: M HAYES (312) 555-1212 Classification: Small Quantity Generator TSDF Activities: Not reported Violation Status: No violations found FINDS: Other Pertinent Environmental Activity Identified at Site: RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.	RCRA-SQG FINDS	1000220896 MID005318092
B11 NNE 1/8-1/4 825 ft.	HAYES FILE CO 2000 FRANKLIN DETROIT, MI 48207 Site 2 of 2 in cluster B Relative: Higher Actual: 584 ft. RCRAInfo: Owner: MIRVAN HAYES EPA ID: MIK138834775 Contact: MIRVAN HAYES (313) 259-3333 Classification: Small Quantity Generator TSDF Activities: Not reported Violation Status: No violations found	RCRA-SQG	1008373357 MIK138834775
12 WNW 1/8-1/4 865 ft.	SEYMOUR CADILLAC 1522 WOODBRIDGE DETROIT, MI 48207 Relative: Higher Actual: 589 ft. RCRAInfo: Contact: ED TAUBE (313) 259-9000 Classification: Small Quantity Generator TSDF Activities: Not reported	RCRA-SQG FINDS	1000302099 MID981788318

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SEYMOUR CADILLAC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000302099

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

13
North
1/8-1/4
942 ft.

TECHNICOM GROUP THE
1940 WOODBRIDGE
DETROIT, MI 48207

RCRA-SQG
FINDS

1001202460
MIR000026971

Relative:
Higher

RCRAInfo:

Contact: MICHAEL LEONARD
(313) 259-8270

Actual:
591 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

14
WNW
1/8-1/4
943 ft.

WOLVERINE TOOL
1480 WOODBRIDGE
DETROIT, MI 48207

RCRA-SQG
FINDS

1004723585
MID985628924

Relative:
Higher

RCRAInfo:

Owner: GRENZKE GEORGE
EPA ID: MID985628924

Actual:
589 ft.

Contact: NORMAN GRENZKE
(313) 259-0330

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C15
West
1/8-1/4
1030 ft.

CRAIN COMMUNICATIONS INC
1370 FRANKLIN ST
DETROIT, MI 48207

LUST
UST

U000267009
N/A

Relative:
Higher

Site 1 of 2 in cluster C

LUST:

Actual:
584 ft.

Facility ID: 00034982
Release Date: Jan 27 1992
Facility Status: Closed
District: SE Michigan District Office
Closed Date: May 6 1994
Owner Contact : Not reported
Owner Name : Crain Communications Inc
Owner Address : 1155 Gratiot Ave
Detroit, MI 48207
Country : USA
Owner Phone : 313-446-6000
Leak Number: C-0149-92
Site Name : Crain Communications Inc.
Substance Released Gasoline

UST:

Facility ID: 00034982
Facility Status: CLOSED
Tank ID: 1
Owner: Crain Communications Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 1155 Gratiot Ave
Detroit, MI 48207
Owner Phone: 313-446-6000
Product: Gasoline
Capacity: 1000
Tank Status: Removed from Ground
Remove Date: Jan 27 1992
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: PETER JOHNSON
Contact Phone: (313) 446-1685
Impressed Device: No
Install Date: Dec 15 1952
Release Detection:
Tank: Not reported
Pipe: Not reported

C16
West
1/8-1/4
1039 ft.

FERRO MFG CO
1367 FRANKLIN ST
DETROIT, MI 48207

RCRA-SQG
FINDS

1000366130
MID005320965

Relative:
Higher

Site 2 of 2 in cluster C

Actual:
584 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FERRO MFG CO (Continued)

EDR ID Number
EPA ID Number

1000366130

RCRAInfo:

Contact: GS BRYCE
(313) 568-2500

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D17
ENE
1/8-1/4
1053 ft.

**CITY OF DETROIT
2111 EAST ATWATER ST
DETROIT, MI**

**BEA S107466593
N/A**

Site 1 of 4 in cluster D

Relative:
Higher

BEA:

Petition Disclosure: 0
BEA Number: 2930
District: Southeast MI
Date Received: 2005-10-12 00:59:00
Submitter Name: City of Detroit
Petition Determination: No Request
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: bahdeh
Division Assigned: Environmental Response Division
Secondary Address: 2135 East Atwater St

Actual:
581 ft.

18
NNW
1/8-1/4
1054 ft.

**RIVERSIDE FORD INC
1833 E JEFFERSON
DETROIT, MI 48207**

**RCRA-SQG 1000218204
FINDS MID109195412
LUST
UST**

Relative:
Higher

RCRAInfo:

Contact: NELSON SHIPE
(313) 567-0250

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

Actual:
590 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

Facility ID: 00010648


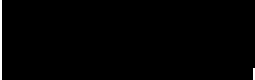
Map ID
Direction
Distance
Distance (ft.)
Elevation Site

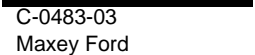

MAP FINDINGS

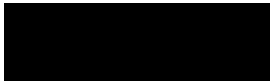

Database(s) EDR ID Number
EPA ID Number

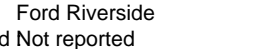

RIVERSIDE FORD INC (Continued)

1000218204

Release Date: Nov 2 2003
Facility Status: **Open**
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : 
Owner Address : 

Country : 
Owner Phone : 
Leak Number: C-0483-03
Site Name : Maxey Ford
Substance Released Gasoline

Facility ID: 00010648
Release Date: Dec 12 1989
Facility Status: **Closed**
District: SE Michigan District Office
Closed Date: Jul 8 1994
Owner Contact : Not reported
Owner Name : 
Owner Address : 

Country : 
Owner Phone : 
Leak Number: C-1096-89
Site Name : Ford Riverside
Substance Released Not reported

UST:

Facility ID: 00010648
Facility Status: CLOSED
Tank ID: 1
Owner: 
Owner Country: USA
Owner Contact: Not reported
Owner Address: 

Owner Phone: 
Product: Used Oil
Capacity: 300
Tank Status: Removed from Ground
Remove Date: Oct 1 1985
Constr Material: Unknown
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: Bud Reis
Contact Phone: (313) 254-0690
Impressed Device: No
Install Date: Not reported
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00010648
Facility Status: CLOSED
Tank ID: 2
Owner: Robert A Maxey

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RIVERSIDE FORD INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000218204

Owner Country: USA
Owner Contact: Not reported
Owner Address: 16901 Mack Ave
Detroit, MI 48224
Owner Phone: 313-885-4000
Product: Not reported
Capacity: 550
Tank Status: Removed from Ground
Remove Date: Nov 11 1989
Constr Material: Unknown
Piping Material: Unknown
Piping Type: Not reported
Contact: Bud Reis
Contact Phone: (313) 254-0690
Impressed Device: No
Install Date: Not reported
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00010648
Facility Status: CLOSED
Tank ID: 3
Owner: Robert A Maxey
Owner Country: USA
Owner Contact: Not reported
Owner Address: 16901 Mack Ave
Detroit, MI 48224
Owner Phone: 313-885-4000
Product: UNKNOWN
Capacity: 550
Tank Status: Removed from Ground
Remove Date: Nov 11 1989
Constr Material: Unknown
Piping Material: Unknown
Piping Type: Not reported
Contact: Bud Reis
Contact Phone: (313) 254-0690
Impressed Device: No
Install Date: Not reported
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00010648
Facility Status: CLOSED
Tank ID: 4
Owner: Robert A Maxey
Owner Country: USA
Owner Contact: Not reported
Owner Address: 16901 Mack Ave
Detroit, MI 48224
Owner Phone: 313-885-4000
Product: Gasoline
Capacity: 3000
Tank Status: Removed from Ground
Remove Date: Oct 23 2003

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RIVERSIDE FORD INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000218204

Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: Bud Reis
Contact Phone: (313) 254-0690
Impressed Device: No
Install Date: Not reported
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00010648
Facility Status: CLOSED
Tank ID: 5
Owner: Robert A Maxey
Owner Country: USA
Owner Contact: Not reported
Owner Address: 16901 Mack Ave
Detroit, MI 48224
Owner Phone: 313-885-4000
Product: Gasoline
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: Oct 28 2003
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: Bud Reis
Contact Phone: (313) 254-0690
Impressed Device: No
Install Date: Not reported
Release Detection:
Tank: Not reported
Pipe: Not reported

19
WNW
1/8-1/4
1056 ft.

CRAIN COMMUNICATIONS INC
1400 WOODBRIDGE AVE
DETROIT, MI 48207

RCRA-SQG 1007099256
MIK643569379

Relative:
Higher

RCRAInfo:
Owner: CRAIN COMMUNICATIONS INC
EPA ID: MIK643569379
Contact: LINDA HUTTON
(313) 446-0390

Actual:
590 ft.

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D20
ENE
1/8-1/4
1073 ft.

CITY OF DETROIT
2122 EAST ATWATER ST
DETROIT, MI

BEA **S107466594**
N/A

Site 2 of 4 in cluster D

Relative:
Higher

BEA:

Actual:
581 ft.

Petition Disclosure: 0
BEA Number: 2931
District: Southeast MI
Date Received: 2005-10-12 00:59:00
Submitter Name: City of Detroit
Petition Determination: No Request
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: bahdeh
Division Assigned: Environmental Response Division
Secondary Address: Not reported

D21
ENE
1/8-1/4
1073 ft.

CEMEX INC
2122 E ATWATER ST
DETROIT, MI 48207

RCRA-SQG **1004725484**
FINDS **MIR000046219**

Site 3 of 4 in cluster D

Relative:
Higher

RCRAInfo:

Actual:
581 ft.

Owner: SOUTHDOWN INC - NOW CEMEX INC
EPA ID: MIR000046219
Contact: CHUCK MARCUM
(313) 259-3110
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

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D22
ENE
1/8-1/4
1073 ft.

MEDUSA CEMENT CO
2122 ATWATER ST
DETROIT, MI 48207

LUST **U003321070**
UST **N/A**

Site 4 of 4 in cluster D

Relative:
Higher

LUST:

Actual:
581 ft.

Facility ID: 00007374
Release Date: Nov 23 1998
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Medusa Cement Co
Owner Address : 2122 Atwater St
Detroit, MI 48207
Country : USA

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MEDUSA CEMENT CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003321070

Owner Phone : (313) 259-3110
Leak Number: C-1171-98
Site Name : Medusa Cement Co
Substance Released Gasoline

UST:

Facility ID: 00007374
Facility Status: CLOSED
Tank ID: 1
Owner: Medusa Cement Co
Owner Country: USA
Owner Contact: Not reported
Owner Address: 2122 Atwater St
Detroit, MI 48207
Owner Phone: (313) 259-3110
Product: Gasoline
Capacity: 1000
Tank Status: Removed from Ground
Remove Date: Nov 12 1998
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Suction: No Valve At Tank
Contact: MR DAN WOODEN
Contact Phone: (313) 259-3110
Impressed Device: No
Install Date: Mar 17 1980
Release Detection:
Tank: Not reported
Pipe: Not reported

**23
NW
1/8-1/4
1077 ft.**

**RIVERSIDE FORD TRUCK DEPT
1555 E JEFFERSON
DETROIT, MI 48207**

**RCRA-SQG 1000828039
FINDS MID985650852**

**Relative:
Higher**

RCRAInfo:
Contact: LES CASEY
(313) 567-0250

**Actual:
594 ft.**

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

24
North
1/8-1/4
1127 ft.

EMANUEL STEWARD'S PLACE (FORMER)
1940 E. JEFFERSON AVENUE
DETROIT, MI 48207

BEA **S104911356**
N/A

Relative:
Higher

BEA:

Petition Disclosure: 1
BEA Number: 439
District: Southeast MI
Date Received: 1997-09-18 00:00:00
Submitter Name: 1940 ASSOCIATES, LLC
Petition Determination: Affirmed
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: russelje
Division Assigned: Environmental Response Division
Secondary Address: Not reported

Actual:
595 ft.

25
NE
1/8-1/4
1172 ft.

INTERNATIONAL METAL PROD INC
2130 FRANKLIN
DETROIT, MI 48207

RCRA-SQG **1000191868**
FINDS **MID982425084**

Relative:
Higher

RCRAInfo:

Contact: MARK DAVIS
(313) 259-6200

Actual:
585 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

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E26
North
1/8-1/4
1232 ft.

MOBIL OIL CORP
2010 E JEFFERSON
DETROIT, MI 48206

RCRA-SQG **1000528635**
FINDS **MID985610542**

Relative:
Higher

Site 1 of 3 in cluster E

RCRAInfo:

Owner: MOBIL OIL CORP
EPA ID: MID985610542
Contact: JOHN HOOVER
(303) 968-8011

Actual:
594 ft.

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MOBIL OIL CORP (Continued)

EDR ID Number
EPA ID Number

1000528635

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

E27
North
1/8-1/4
1232 ft.

MOBIL
2010 E JEFFERSON
DETROIT, MI 48207

LUST **U003426025**
UST **N/A**

Site 2 of 3 in cluster E

Relative:
Higher

Actual:
594 ft.

LUST:

Facility ID: 00016622
Release Date: Apr 3 1991
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Michigan Fuel Retail Operation
Owner Address : 2010 E Jefferson
Detroit, MI 48207
Country : USA
Owner Phone : (248) 388-8072
Leak Number: C-0568-91
Site Name : Mobil Station #03-G91
Substance Released Not reported

Facility ID: 00016622
Release Date: Dec 21 1989
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Michigan Fuel Retail Operation
Owner Address : 2010 E Jefferson
Detroit, MI 48207
Country : USA
Owner Phone : (248) 388-8072
Leak Number: C-2774-90
Site Name : Mobil Station #03-G91
Substance Released Not reported

Facility ID: 00016622
Release Date: Feb 23 1995
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Michigan Fuel Retail Operation
Owner Address : 2010 E Jefferson
Detroit, MI 48207
Country : USA
Owner Phone : (248) 388-8072
Leak Number: C-0102-95

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MOBIL (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003426025

Site Name : Mobil Station #03-G91
Substance Released Gasoline,Unknown

Facility ID: 00016622
Release Date: May 10 2001
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Michigan Fuel Retail Operation
Owner Address : 2010 E Jefferson
Detroit, MI 48207
Country : USA
Owner Phone : (248) 388-8072
Leak Number: C-0265-01
Site Name : Mobil Station #03-G91
Substance Released Gasoline,Unknown

Facility ID: 00016622
Release Date: Apr 26 1991
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Michigan Fuel Retail Operation
Owner Address : 2010 E Jefferson
Detroit, MI 48207
Country : USA
Owner Phone : (248) 388-8072
Leak Number: C-0698-91
Site Name : Mobil Station #03-G91
Substance Released Not reported

UST:

Facility ID: 00016622
Facility Status: ACTIVE
Tank ID: 6
Owner: Michigan Fuel Retail Operation
Owner Country: USA
Owner Contact: Not reported
Owner Address: 2010 E Jefferson
Detroit, MI 48207
Owner Phone: (248) 388-8072
Product: Gasoline, Diesel
Capacity: 12000
Tank Status: Currently In Use
Remove Date: Not reported
Constr Material: Double Walled
Piping Material: Double Walled
Piping Type: Pressure
Contact: Scott Jowers
Contact Phone: (248) 388-8072
Impressed Device: No
Install Date: May 27 2005
Release Detection:
Tank: Tank Tightness Testing, Automatic Tank Gauging, Interstitial Monitoring Double Walled Tank
Pipe: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled Piping

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MOBIL (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003426025

Facility ID: 00016622
Facility Status: ACTIVE
Tank ID: 2
Owner: Michigan Fuel Retail Operation
Owner Country: USA
Owner Contact: Not reported
Owner Address: 2010 E Jefferson
Detroit, MI 48207
Owner Phone: (248) 388-8072
Product: Gasoline
Capacity: 8000
Tank Status: Removed from Ground
Remove Date: May 13 2005
Constr Material: Fiberglass Reinforced plastic
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Contact: Scott Jowers
Contact Phone: (248) 388-8072
Impressed Device: No
Install Date: Jun 1 1980
Release Detection:
Tank: Automatic Tank Gauging
Pipe: Not reported

Facility ID: 00016622
Facility Status: ACTIVE
Tank ID: 3
Owner: Michigan Fuel Retail Operation
Owner Country: USA
Owner Contact: Not reported
Owner Address: 2010 E Jefferson
Detroit, MI 48207
Owner Phone: (248) 388-8072
Product: Gasoline
Capacity: 6000
Tank Status: Removed from Ground
Remove Date: May 13 2005
Constr Material: Fiberglass Reinforced plastic
Piping Material: Fiberglass reinforced plastic
Piping Type: Not reported
Contact: Scott Jowers
Contact Phone: (248) 388-8072
Impressed Device: No
Install Date: Jun 1 1980
Release Detection:
Tank: Automatic Tank Gauging
Pipe: Not reported

Facility ID: 00016622
Facility Status: ACTIVE
Tank ID: 5
Owner: Michigan Fuel Retail Operation
Owner Country: USA
Owner Contact: Not reported
Owner Address: 2010 E Jefferson
Detroit, MI 48207

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MOBIL (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003426025

Owner Phone: (248) 388-8072
Product: Gasoline
Capacity: 20000
Tank Status: Currently In Use
Remove Date: Not reported
Constr Material: Double Walled
Piping Material: Double Walled
Piping Type: Pressure
Contact: Scott Jowers
Contact Phone: (248) 388-8072
Impressed Device: No
Install Date: May 27 2005
Release Detection:
Tank: Tank Tightness Testing, Automatic Tank Gauging, Interstitial Monitoring Double Walled Tank
Pipe: Automatic Line Leak Detectors, Interstitial Monitoring/Second Containment

Facility ID: 00016622
Facility Status: ACTIVE
Tank ID: 4
Owner: Michigan Fuel Retail Operation
Owner Country: USA
Owner Contact: Not reported
Owner Address: 2010 E Jefferson
Detroit, MI 48207
Owner Phone: (248) 388-8072
Product: Gasoline
Capacity: 1000
Tank Status: Removed from Ground
Remove Date: Dec 22 1990
Constr Material: Fiberglass Reinforced Plastic
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure, Pressure
Contact: Scott Jowers
Contact Phone: (248) 388-8072
Impressed Device: No
Install Date: Not reported
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00016622
Facility Status: ACTIVE
Tank ID: 1
Owner: Michigan Fuel Retail Operation
Owner Country: USA
Owner Contact: Not reported
Owner Address: 2010 E Jefferson
Detroit, MI 48207
Owner Phone: (248) 388-8072
Product: Gasoline
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: May 13 2005
Constr Material: Fiberglass Reinforced plastic
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MOBIL (Continued)

EDR ID Number
EPA ID Number

U003426025

Contact: Scott Jowers
Contact Phone: (248) 388-8072
Impressed Device: No
Install Date: Jun 1 1980
Release Detection:
Tank: Automatic Tank Gauging
Pipe: Not reported

E28
North
1/8-1/4
1232 ft.

MOBIL OIL
2010 E JEFFERSON AVE
DETROIT, MI 48207

AST A100269360
N/A

Site 3 of 3 in cluster E

Relative:
Higher

AST:
Facility ID: 93082573
Tank ID: 1
Type: ACTIVE
Tank Status: Currently In Use
Content: CNG
Capacity: 10500
Owner: Detroit Edison Co
Owner Address: 7940 Livernois WSC Rm H-136
Detroit, MI 48210
Owner Contact: James Rachwal
Owner Country: USA
District: SE Michigan District Office
Install Date: Apr 30 1996
Close Date: Not reported
Facility Phone: (313) 567-8192
Contact: LINDA JOHNSON

Actual:
594 ft.

29
NNE
1/4-1/2
1504 ft.

JEFFERSON CHEVROLET
2130 JEFFERSON
DETROIT, MI 48207

RCRA-SQG 1000228355
FINDS MID006534598
LUST
UST

Relative:
Higher

RCRAInfo:
Owner: TESSMER RAY
EPA ID: MID006534598
Contact: JAMES TELLIER
(313) 259-1200
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

Actual:
594 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

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LUST:

Facility ID: 00018548
Release Date: Jan 18 1990
Facility Status: **Open**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

JEFFERSON CHEVROLET (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000228355

District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Jefferson Chev Col
Owner Address : 2130 E Jefferson Ave
Detroit, MI 48207
Country : USA
Owner Phone : (313) 259-1200
Leak Number: C-0120-90
Site Name : Jefferson Chevrolet
Substance Released Not reported

UST:

Facility ID: 00018548
Facility Status: CLOSED
Tank ID: 1
Owner: Jefferson Chev Col
Owner Country: USA
Owner Contact: Not reported
Owner Address: 2130 E Jefferson Ave
Detroit, MI 48207
Owner Phone: (313) 259-1200
Product: Used Oil
Capacity: 500
Tank Status: Removed from Ground
Remove Date: Sep 30 1990
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Unknown
Piping Type: Not reported
Contact: GERALD DEWAELE
Contact Phone: (313) 259-1200
Impressed Device: No
Install Date: Apr 8 1950
Release Detection:
Tank: Not reported
Pipe: Not reported

**30
ENE
1/4-1/2
1953 ft.**

**THE STROH COMPANIES INC
210 CHENE
DETROIT, MI 48207**

**RCRA-SQG 1000528542
FINDS MID985609619
BEA**

**Relative:
Higher**

RCRAInfo:
Contact: RICHARD SIMPSON
(313) 555-1212

**Actual:
581 ft.**

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 05/13/1993
Actual Date Achieved Compliance: 06/08/1993

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/13/1993
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

THE STROH COMPANIES INC (Continued)

EDR ID Number
EPA ID Number

1000528542

Date Violation Determined: 05/13/1993
Actual Date Achieved Compliance: 06/08/1993
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/13/1993
Penalty Type: Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-OTHER REQUIREMENTS	19930608
	GENERATOR-LAND BAN REQUIREMENTS	19930608

FINDS:

Other Pertinent Environmental Activity Identified at Site:

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BEA:

Petition Disclosure: 1
BEA Number: 420
District: Southeast MI
Date Received: 1997-09-02 00:00:00
Submitter Name: STROH COMPANIES, INC.
Petition Determination: Affirmed
Category: Different Hazardous Substance(s)
Determination 20107A: Affirmed
Reviewer: tempm
Division Assigned: Environmental Response Division
Secondary Address: Not reported

31
WSW
1/4-1/2
1971 ft.

REN-CEN SERVICE GARAGE
901 ATWATER ST
DETROIT, MI 48207

LUST
UST
U000268985
N/A

Relative:
Higher

Actual:
580 ft.

LUST:

Facility ID: 00002121
Release Date: May 13 1994
Facility Status: Closed
District: SE Michigan District Office
Closed Date: Dec 28 1995
Owner Contact : Not reported
Owner Name : Riverfront Holdings Inc
Owner Address : 485 W Milwaukee St
Detroit, MI 48202
Country : USA
Owner Phone : (313) 556-0818
Leak Number: C-0470-94
Site Name : Ford Ren Cen Service Garage
Substance Released Used Oil

Facility ID: 00002121
Release Date: Aug 6 1999
Facility Status: Closed
District: SE Michigan District Office
Closed Date: Oct 28 1999

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

REN-CEN SERVICE GARAGE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000268985

Owner Contact : Not reported
Owner Name : Riverfront Holdings Inc
Owner Address : 485 W Milwaukee St
Detroit, MI 48202
Country : USA
Owner Phone : (313) 556-0818
Leak Number: C-0788-99
Site Name : Ren-cen Service Garage
Substance Released Unknown

Facility ID: 00002121
Release Date: May 12 1992
Facility Status: Closed
District: SE Michigan District Office
Closed Date: Nov 16 1995
Owner Contact : Not reported
Owner Name : Riverfront Holdings Inc
Owner Address : 485 W Milwaukee St
Detroit, MI 48202
Country : USA
Owner Phone : (313) 556-0818
Leak Number: C-0764-92
Site Name : Ford Ren Cen Service Garage
Substance Released Gasoline

UST:

Facility ID: 00002121
Facility Status: CLOSED
Tank ID: 1
Owner: Riverfront Holdings Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 485 W Milwaukee St
Detroit, MI 48202
Owner Phone: (313) 556-0818
Product: NEW MOTOR OIL
Capacity: 2000
Tank Status: Removed from Ground
Remove Date: May 12 1994
Constr Material: Fiberglass Reinforced plastic
Piping Material: Cathodically Protected,Galvanized Steel
Piping Type: Suction: No Valve At Tank
Contact: ANN M GRANITI
Contact Phone: (313) 556-0818
Impressed Device: No
Install Date: Apr 24 1978
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00002121
Facility Status: CLOSED
Tank ID: 2
Owner: Riverfront Holdings Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 485 W Milwaukee St
Detroit, MI 48202

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

REN-CEN SERVICE GARAGE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000268985

Owner Phone: (313) 556-0818
Product: Used Oil
Capacity: 2000
Tank Status: Removed from Ground
Remove Date: May 12 1994
Constr Material: Fiberglass Reinforced plastic
Piping Material: CAST IRON
Piping Type: Not reported
Contact: ANN M GRANITI
Contact Phone: (313) 556-0818
Impressed Device: No
Install Date: Apr 24 1978
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00002121
Facility Status: CLOSED
Tank ID: 3
Owner: Riverfront Holdings Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 485 W Milwaukee St
Detroit, MI 48202
Owner Phone: (313) 556-0818
Product: Gasoline
Capacity: 10000
Tank Status: Removed from Ground
Remove Date: Feb 14 1992
Constr Material: Fiberglass Reinforced plastic
Piping Material: Cathodically Protected, Galvanized Steel
Piping Type: Not reported
Contact: ANN M GRANITI
Contact Phone: (313) 556-0818
Impressed Device: No
Install Date: Apr 24 1978
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00002121
Facility Status: CLOSED
Tank ID: 4
Owner: Riverfront Holdings Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 485 W Milwaukee St
Detroit, MI 48202
Owner Phone: (313) 556-0818
Product: Gasoline
Capacity: 10000
Tank Status: Removed from Ground
Remove Date: Feb 14 1992
Constr Material: Fiberglass Reinforced plastic
Piping Material: Cathodically Protected, Galvanized Steel
Piping Type: Not reported
Contact: ANN M GRANITI

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

REN-CEN SERVICE GARAGE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000268985

Contact Phone: (313) 556-0818

Impressed Device: No

Install Date: Apr 24 1978

Release Detection:

Tank: Not reported

Pipe: Not reported

Facility ID: 00002121

Facility Status: CLOSED

Tank ID: 5

Owner: Riverfront Holdings Inc

Owner Country: USA

Owner Contact: Not reported

Owner Address: 485 W Milwaukee St
Detroit, MI 48202

Owner Phone: (313) 556-0818

Product: Gasoline

Capacity: 16000

Tank Status: Removed from Ground

Remove Date: Jul 29 1999

Constr Material: Epoxy Coated Steel

Piping Material: Secondary Containment

Piping Type: Suction: Valve at Tank

Contact: ANN M GRANITI

Contact Phone: (313) 556-0818

Impressed Device: No

Install Date: Jan 1 1992

Release Detection:

Tank: Automatic Tank Gauging, Inter Monitoring Double Walled Tank, Inter
Monitoring/Second Containment

Pipe: Not reported

32
NE
1/4-1/2
2063 ft.

DETROIT GAS CO- CHENE STREET STATION
FRANKLIN AND CHENE
DETROIT, MI 48207

Manufactured Gas Plants

1008408098
N/A

Relative:
Higher

Actual:
584 ft.

33
West
1/4-1/2
2171 ft.

965 E. JEFFERSON AVE
DETROIT, MI

BEA S105768147
N/A

Relative:
Higher

Actual:
604 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S105768147

BEA:

Petition Disclosure: 1
BEA Number: 1571
District: Southeast MI
Date Received: 2001-12-11 00:59:00
Submitter Name: 965 Associates LLC
Petition Determination: Affirmed
Category: No Hazardous Substance(s)
Determination 20107A: Affirmed
Reviewer: novake
Division Assigned: Environmental Response Division
Secondary Address: Not reported

F34
NE
1/4-1/2
2504 ft.

FORMER A. T. WAGNER BUILDING
2720 WIGHT STREET
DETROIT, MI 48207

BEA S104910345
N/A

Site 1 of 2 in cluster F

Relative:
Higher

Actual:
583 ft.

BEA:

Petition Disclosure: 1
BEA Number: 2292
District: Southeast MI
Date Received: 2004-02-13 00:59:00
Submitter Name: The Stroh Companies Inc.
Petition Determination: Affirmed
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: novake
Division Assigned: Environmental Response Division
Secondary Address: 2733 Guoin Street

Petition Disclosure: 1
BEA Number: 177
District: Southeast MI
Date Received: 1996-09-12 00:00:00
Submitter Name: [REDACTED]
Petition Determination: Affirmed
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: russelje
Division Assigned: Environmental Response Division
Secondary Address: Not reported

Petition Disclosure: 1
BEA Number: 176
District: Southeast MI
Date Received: 1996-09-12 00:00:00
Submitter Name: [REDACTED]
Petition Determination: Affirmed
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: russelje
Division Assigned: Environmental Response Division
Secondary Address: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F35
NE
1/4-1/2
2504 ft.

A.T. WAGNER PROPERTY
2720 WIGHT STREET
DETROIT, MI 48207

SHWS S105144850
N/A

Relative:
Higher

Site 2 of 2 in cluster F

SHWS:

Facility ID: 82001588
Source: Industrial Organic Chemicals
Facility Status: Inactive - no actions taken to address contamination
Pollutants : PCE; TCE; VC
SAM Score: 28 out of 48
SAM Score Date: 08/17/2004
Township: 2S
Range: 12E
Section: 10
Quarter: SW
Quarter/Quarter: NE

Actual:
583 ft.

36
ENE
1/4-1/2
2520 ft.

2652 E. ATWATER ST.
DETROIT, MI

BEA S105768256
N/A

Relative:
Equal

BEA:

Petition Disclosure: 0
BEA Number: 1673
District: Southeast MI
Date Received: 2002-04-12 00:59:00
Submitter Name: City of Detroit
Petition Determination: No Request
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: novake
Division Assigned: Environmental Response Division
Secondary Address: Not reported

Actual:
579 ft.

37
West
1/4-1/2
2561 ft.

SPEEDWAY #8735
711 E JEFFERSON AVE
DETROIT, MI 48226

LUST S105551083
N/A

Relative:
Higher

LUST:

Facility ID: 00016411
Release Date: Jun 4 1997
Facility Status: Closed
District: SE Michigan District Office
Closed Date: Jun 5 2001
Owner Contact : Not reported
Owner Name : Speedway Superamerica LLC
Owner Address : Po Box 1500
Springfield, OH 45501
Country : USA
Owner Phone : (937) 864-3000
Leak Number: C-0379-97
Site Name : Total #4235
Substance Released Gasoline

Actual:
597 ft.

Facility ID: 00016411
Release Date: Oct 21 2005

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SPEEDWAY #8735 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105551083

Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Speedway Superamerica LLC
Owner Address : Po Box 1500
Springfield, OH 45501
Country : USA
Owner Phone : (937) 864-3000
Leak Number: C-0273-05
Site Name : Speedway #8735
Substance Released Gasoline,Gasoline,Gasoline,Gasoline

Facility ID: 00016411
Release Date: Apr 18 1991
Facility Status: Closed
District: SE Michigan District Office
Closed Date: Sep 24 1996
Owner Contact : Not reported
Owner Name : Speedway Superamerica LLC
Owner Address : Po Box 1500
Springfield, OH 45501
Country : USA
Owner Phone : (937) 864-3000
Leak Number: C-0784-91
Site Name : Total Station #2515
Substance Released Not reported

38
WSW
1/4-1/2
2606 ft.

COMERICA BANK
660 WOODBRIDGE STREET
DETROIT, MI 48226

BEA S104910009
N/A

Relative:
Higher

BEA:
Petition Disclosure: 1
BEA Number: 103
District: Southeast MI
Date Received: 1996-04-29 00:00:00
Submitter Name: COMERICA BANK
Petition Determination: Affirmed
Category: No Hazardous Substance(s)
Determination 20107A: Affirmed
Reviewer: temppm
Division Assigned: Environmental Response Division
Secondary Address: Not reported

Actual:
594 ft.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DETROIT	S104912165	DEQUINDRE RAIL LINE	(JEFFERSON TO GRATIOT)		BEA
DETROIT	S105768184		14100 - 14140 E JEFFERSON		BEA
DETROIT	S105768227		1340, 1350, 1420, 1440 E. ATWA		BEA
DETROIT	S106662599	FORMER LAFAYETTE BUILDING	132 - 144 MICHIGAN AVENUE		BROWNFIELDS
DETROIT	S104911715	3000 ASSOCIATES LLC	3000, 3105, 3113 FRANKLIN STRE		BEA
DETROIT	S107031694	CITY OF DETROIT	AREA BOUND BY GRATIOT AVE, GUO		BEA
DETROIT	1009310485	JEFFERSON-CHENE PROPERTY	EAST JEFFERSON AVE & CHENE STR	48207	US BROWNFIELDS
DETROIT	S107544038	SHELL RETAIL GASOLINE STATION	9645 JEFFERSON AVE		AUL
DETROIT	S104910991	AMMORI INVESTMENTS, INC.	2650, E. JEFFERSON AVENUE /		BEA
DETROIT	S104911640	(FORMER) BLAIN HOSPITAL	2151 JEFFERSON AVENUE		BEA
DETROIT	U003329752	FREE PRESS GARAGE	1201 E LAFAYETTE BLVD	48226	LUST, UST
DETROIT	S107031713	0.349 ACRE RIVERWALK EASEMENT PROP	MCDUGALL AVE/ATWATER STREET		BEA
DETROIT	S107031695	JEFFERSON HOLDING PARCELS	PARCEL 96 (1547 ATWATER)		BEA
DETROIT	S107031697	JEFFERSON HOLDING PARCELS	PARCEL 118 (1310 FRANKLIN)		BEA
DETROIT	S106174450	DETROIT/WAYNE COUNTY PORT AUTHORIT	1.21-ACRE PROPERTY SOUTH SIDE		BEA
DETROIT	S104912164	DEQUINDRE RAIL LINE	RIVARD TO JEFFERSON		BEA
DETROIT	S105144855	RUSSELL/WATSON ST NR EASTERN MKT	3011 RUSSEL ST	48207	SHWS
DETROIT	S104911548	AMERICAN AXLE & MANUFACTURING	8404-06 RUSSELL, 7927 RIOPELLE		BEA
DETROIT	U000266794	MICHIGAN PLAZA BUILDING	1200 SIXTH ST	48226	LUST, UST
DETROIT	S107466595	CITY OF DETROIT	SOUTHERN SECTION OF 2130 EAST		BEA
DETROIT	S107543630	BYBLOS, INC.	NORTH STATE FAIR 221 THRU 212		AUL
DETROIT	S107135731	STATE FAIR GROUND TANKS	WEST STATE FAIR		BROWNFIELDS
DETROIT	S104910108	ONE-ACRE WAREHOUSE PROPERTY	284 SUMMIT AVENUE/4485 W. JEFF		BEA
DETROIT	S107135849	DETROIT MULTI-SITE BUILDING DEMOLI	VARIOUS		BROWNFIELDS
DETROIT	S106521783	HEALTH PLAN OF MICHIGAN INC.	2604 WIGHT / 2669 GUOIN STRE		BEA

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/23/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/22/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/23/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 05/21/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/2006	Source: EPA
Date Data Arrived at EDR: 04/27/2006	Telephone: 800-424-9346
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/26/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-366-4555
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/19/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 05/12/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2006	Telephone: 202-566-2777
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/12/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 03/13/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/13/2006	Source: EPA
Date Data Arrived at EDR: 04/28/2006	Telephone: 703-416-0223
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/06/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 06/21/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 07/13/2005
Date Made Active in Reports: 08/17/2005
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006
Date Data Arrived at EDR: 04/21/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/26/2006	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/29/2006	Telephone: 303-231-5959
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/25/2006
	Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/27/2006	Source: EPA
Date Data Arrived at EDR: 05/02/2006	Telephone: N/A
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/24/2006
Date Made Active in Reports: 06/08/2006
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 05/24/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Semi-Annually

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support its listing or the site no longer meets criteria specified in rules.

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 06/08/2006
Number of Days to Update: 9

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/01/2006
Date Data Arrived at EDR: 05/15/2006
Date Made Active in Reports: 06/08/2006
Number of Days to Update: 24

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 05/08/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Semi-Annually

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997
Date Data Arrived at EDR: 02/28/2003
Date Made Active in Reports: 03/06/2003
Number of Days to Update: 6

Source: Department of Environmental Quality
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 06/13/2006
Date Data Arrived at EDR: 06/14/2006
Date Made Active in Reports: 07/17/2006
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/13/2006
Date Data Arrived at EDR: 03/15/2006
Date Made Active in Reports: 04/12/2006
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 03/23/2006
Date Data Arrived at EDR: 03/23/2006
Date Made Active in Reports: 04/24/2006
Number of Days to Update: 32

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: No Update Planned

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 03/22/2006
Date Data Arrived at EDR: 03/28/2006
Date Made Active in Reports: 04/18/2006
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 517-373-8427
Last EDR Contact: 07/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

AUL: Engineering and Institutional Controls

A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 02/15/2006
Date Made Active in Reports: 03/17/2006
Number of Days to Update: 30

Source: Department of Environmental Quality
Telephone: 517-373-4828
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 02/16/2006
Date Data Arrived at EDR: 03/30/2006
Date Made Active in Reports: 04/18/2006
Number of Days to Update: 19

Source: Department of Environmental Quality
Telephone: 517-335-4586
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Varies

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 02/23/2006
Date Data Arrived at EDR: 02/27/2006
Date Made Active in Reports: 03/17/2006
Number of Days to Update: 18

Source: Department of Environmental Quality
Telephone: 517-373-4805
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/24/2006
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/17/2006
Number of Days to Update: 45

Source: Department of Environmental Quality
Telephone: 517-241-1300
Last EDR Contact: 06/02/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data
Permit and emissions inventory data.

Date of Government Version: 05/01/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 06/08/2006
Number of Days to Update: 37

Source: Department of Environmental Quality
Telephone: 517-373-7074
Last EDR Contact: 07/17/2006
Next Scheduled EDR Contact: 10/16/2006
Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

Date of Government Version: 06/16/2006
Date Data Arrived at EDR: 06/16/2006
Date Made Active in Reports: 07/17/2006
Number of Days to Update: 31

Source: DEPT. OF ENVIRONMENTAL QUALITY
Telephone: 517-373-9541
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Semi-Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/27/2006
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/11/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

STREET AND ADDRESS INFORMATION

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APPENDIX E

AERIAL PHOTOGRAPH DOCUMENTATION





1952





1961



15206

1966

1920



1970

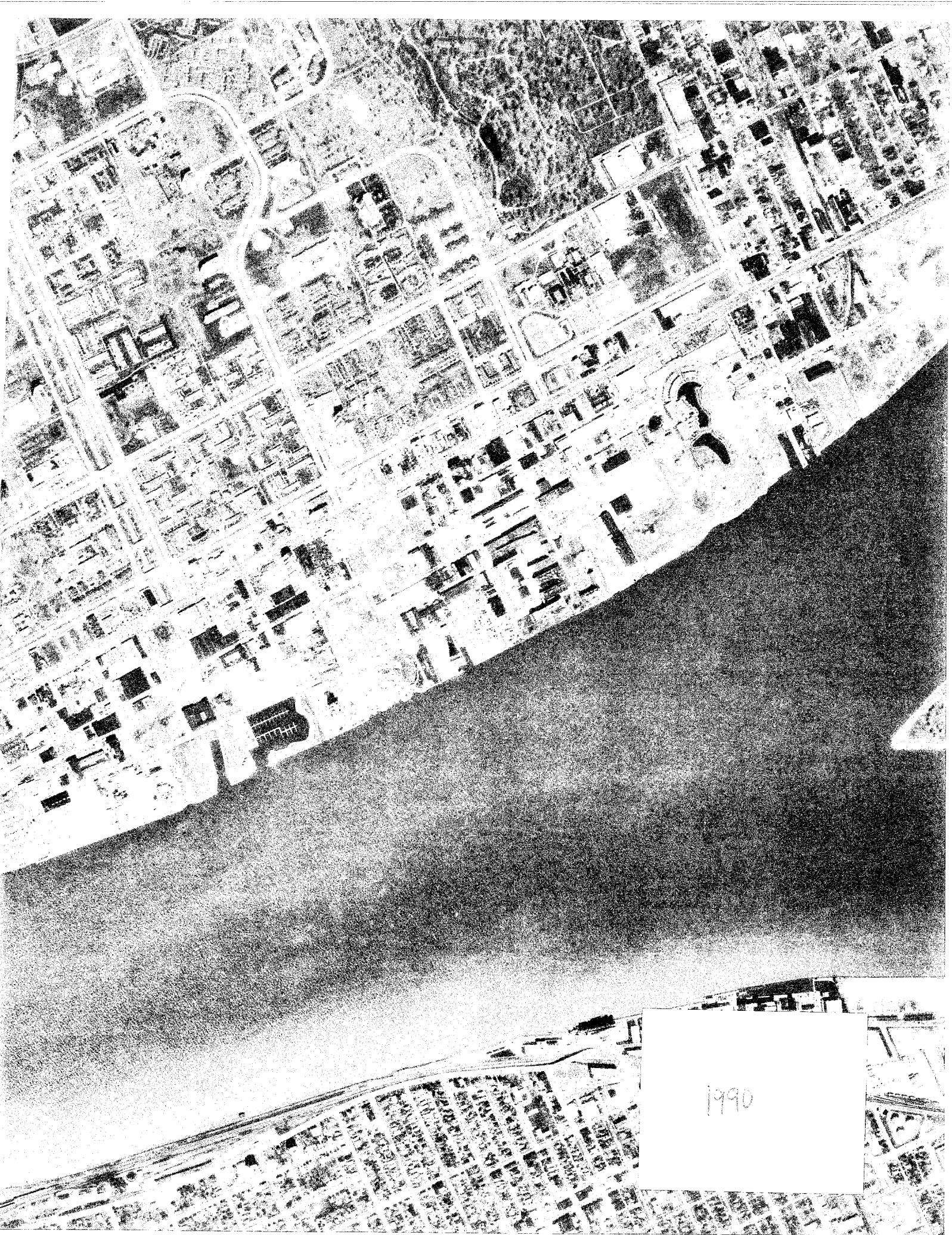


1975





1985





1995



2000

APPENDIX F

HISTORICAL RESEARCH DOCUMENTATION



"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Tim Mcahey
AKT Peerless Env.
607 Shelby Street
Detroit, MI 48226

Order Date: 7/20/2006 **Completion Date:** 7/24/2006

Inquiry #: 1717473.2s

P.O. #: NA

Site Name: Globe Building

Address: 1801 Atwater Street

City/State: Detroit, MI 48207

Cross Streets:

Customer Project: 5134d-1-17
1053685MEN 313-962-9353

Based on client-supplied information, fire insurance maps for the following years were identified

1884 - 1 Map	1988 - 1 Map
1897 - 1 Map	1991 - 1 Map
1922 - 1 Map	
1950 - 1 Map	
1953 - 1 Map	
1957 - 1 Map	
1961 - 1 Map	
1977 - 1 Map	

Limited Permission to Photocopy

Total Maps: 10

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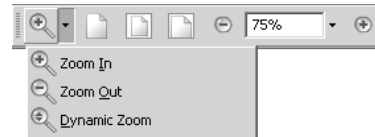
This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

- Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: <http://www.edrnet.com/reports/samples/key.pdf>

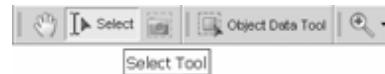
- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
 - A. On the menu bar, click "View" and then "Zoom to..."
 - B. Or, use the magnifying tool and drag a box around the TP



- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.

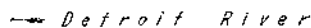


1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.



- Images are grouped into one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

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Scale of feet.



(43)
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FRANKLIN

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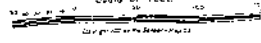
38

6

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— Detroit River

Scale of Feet.



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Year
EDR Research Associate

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Sanborn
Detroit, Mich. No. 4

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FRANKLIN

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RIOPELLE

HURON PORTLAND CEMENT CO

DETROIT, MICH.

SHIPPING

AND STORAGE

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ORLEANS

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THE DETROIT EDISON CO
DETROIT, MICH.

— Detroit River

Scale of Feet



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Year SES
EDR Research Associate

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49
(43)

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FRANKLIN

37

CHURCH

E. ATWATER

50

RIOPELLE

ORLEANS

38

HURON PORTLAND CEMENT CO
DETROIT PLANT

BRICKS
CLAY
FACTORY BUILDING

THE DETROIT EMBROIDERY CO
ATWATER PLANT

DEQUINDRE

THE DETROIT EMBROIDERY CO
DETROIT PLANT

— Detroit River

Scale of Feet.



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49
(43)

47

FRANKLIN

37

E. ATWATER

ROSELLE

ORLEANS

DEQUINDRE

38

HURON PORTLAND CEMENT CO.
DETROIT PLANT

THE DETROIT EDISON CO.
ORLEANS TOWERING CO.
LARGE COAL PILE

Detroit River

Scale of Feet



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47

FRANKLIN



37

CHURCH

W. BLOOMVILLE

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MATL YARD

E. ATWATER

DEQUINORE

ORLEANS

38

MURON PORTLAND CEMENT CO.

SUBSIDIARY OF NATIONAL GYPSUM CO.

DETROIT PLANT

1000 BULLOCK ST. DETROIT

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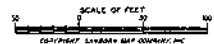
3

SLIP

THE DETROIT EDISON CO.

ORLEANS CARLIS ST.

LARGE COAL PILE



Detroit River



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Co., EDR Sanborn, Inc. 1977

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Street Map No. 4

49

47

FRANKLIN

PARK C.

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E. ATWATER

50

HUDSON PORTLAND CEMENT CO.
SUBSIDIARY OF NATIONAL CEMENT CO.
GRINDING PLANT

38

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ORLEANS

3

SLIP

SLIP

SCALE OF FEET
0 100 200

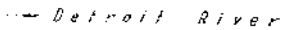
— Detroit River



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HISTORICAL CITY DIRECTORY REVIEW SUMMARY – AKT PROJECT 5134D-1-17
GLOBE BUILDING DETROIT, WAYNE COUNTY, MICHIGAN

✳	Address ▼ // Year ►	1885	1891	1896
SP	437-459 Atwater	Detroit Dry Docks Co. and Dry Dock Hotel	Detroit Dry Docks Co. and Dry Dock Hotel	Detroit Dry Docks Engine Works
SP	43 Dequindre	Address not listed	Address not listed	Address not listed
SP	206-228 Guoin	Vacant lots	Vacant lots	Address not listed
SP	44-62 Orleans	Address not listed	Address not listed	Dry Dock Engine Works
N	205-227 Guoin	Address not listed	Address not listed	Address not listed
N	64-72 Orleans	Detroit Sheet Metal and Brass Works	Detroit Sheet Metal and Brass Works	Detroit Sheet Metal and Brass Works
E	463-479 Atwater	Address not listed	Address not listed	Detroit Dry Dock boiler shop
E	44-54 Dequindre	Address not listed	Address not listed	Address not listed
E	230-246 Guoin	Address not listed	Address not listed	Address not listed
S	438-474 Atwater	Address not listed	Address not listed	Address not listed
S	10-42 Orleans	Address not listed	Address not listed	Address not listed
W	405-429 Atwater	D,G,H, & M Ry Machine Shop and Round House	D,G,H, & M Ry Machine Shop and Round House	D,G,H, & M Ry Machine Shop and Round House
W	43-61 Orleans	Address not listed	Address not listed	Address not listed
✳	Address ▼ // Year ►	1901	1906	1911
SP	437-459 Atwater	Detroit Ship Building Co. Engine Works	Detroit Ship Building Co. Engine Works	Detroit Ship Building Co. Engine Works
SP	43 Dequindre	Address not listed	Address not listed	Address not listed
SP	206-228 Guoin	Address not listed	Address not listed	Address not listed
SP	44-62 Orleans	Address not listed	Address not listed	Address not listed
N	205-227 Guoin	Address not listed	Address not listed	Address not listed
N	64-72 Orleans	Detroit Ship Building Co. Sheet Metal and Brass Co.	Detroit Ship Building Co. Sheet Metal and Brass Co.	Detroit Ship Building Co. Sheet Metal and Brass Co.
E	463-479 Atwater	Detroit Dry Dock Storage and Boiler Shop	Detroit Dry Dock Storage and Boiler Shop	Detroit Dry Dock Storage and Boiler Shop
E	44-54 Dequindre	Address not listed	Address not listed	Address not listed
E	230-246 Guoin	Address not listed	Detroit Dry Dock Storage and Boiler Shop	Detroit Dry Dock Storage and Boiler Shop
S	438-474 Atwater	Hurley J & T Coal	Hurley J & T Coal	Hurley J & T Coal



HISTORICAL CITY DIRECTORY REVIEW SUMMARY – AKT PROJECT 5134D-1-17
GLOBE BUILDING DETROIT, WAYNE COUNTY, MICHIGAN

✳	Address ▼ // Year ➤	1901	1906	1911
S	10-42 Orleans	Address not listed	Address not listed	Address not listed
W	405-429 Atwater	D,G,H, & M Ry Machine Shop and Round House	D,G,H, & M Ry Machine Shop and Round House	D,G,H, & M Ry Machine Shop and Round House
W	43-61 Orleans	Address not listed	Address not listed	Address not listed
✳	Address ▼ // Year ➤	1916	1921	
SP	437-459 Atwater	Detroit Ship Building Co.	Detroit Ship Building Co.	
SP	43 Dequindre	Address not listed	Address not listed	
SP	206-228 Guoin	Detroit Ship Building Co.	Detroit Ship Building Co.	
SP	44-62 Orleans	Address not listed	Address not listed	
N	205-227 Guoin	Address not listed	Address not listed	
N	64-72 Orleans	Detroit Ship Building Co. Sheet Metal and Brass Co.	Detroit Ship Building Co. Sheet Metal and Brass Co.	
E	463-479 Atwater	Detroit Dry Dock Storage and Boiler Shop	Detroit Dry Dock Storage and Boiler Shop	
E	44-54 Dequindre	Address not listed	Address not listed	
E	230-246 Guoin	Address not listed	Address not listed	
S	438-474 Atwater	Address not listed	Address not listed	
S	10-42 Orleans	Address not listed	Address not listed	
W	405-429 Atwater	Address not listed	Address not listed	
W	43-61 Orleans	Address not listed	Address not listed	



HISTORICAL CITY DIRECTORY REVIEW SUMMARY – AKT PROJECT 5134D-1-17
GLOBE BUILDING DETROIT, WAYNE COUNTY, MICHIGAN

✳	Address ▼ // Year ►	1926	1931-32	1937
SP	1801-1845 Atwater	Detroit Ship Building Co.	Electromaster Inc. Stove Mfs	Electromaster Inc. Stove Mfs
SP	201-225 Dequindre	Address not listed	Address not listed	Address not listed
SP	1800-1844 Guoin	Address not listed	Address not listed	Address not listed
SP	200-224 Orleans	Address not listed	Address not listed	Address not listed
N	1801-1845 Guoin	Address not listed	Address not listed	Address not listed
N	232-242 Orleans	Address not listed	240-Central Iron Foundry Co.	240-Central Iron Foundry Co.
E	1901-1949 Atwater	Address not listed	Address not listed	Address not listed
E	200-220 Dequindre	Address not listed	Address not listed	Address not listed
E	1900-1938 Guoin	Address not listed	Address not listed	Address not listed
S	1800-1978 Atwater	Address not listed	Address not listed	Address not listed
S	166-180 Orleans	180-Detroit Ship Building Co.	180-Vacant	180-Vacant
W	201-225 Orleans	201-Palatin Steve Restr. 225-Lambrech John Coal Co. (garage)	201-Palatin Steve Restr.	Address not listed
W	1535-1551 Atwater	Address not listed	Address not listed	Address not listed
✳	Address ▼ // Year ►	1941-42	1957	1963
SP	1801-1845 Atwater	Electromaster Inc. Stove Mfs	Detroit Edison Reconditioning and Appliance Shop	Detroit Edison Reconditioning and Appliance Shop
SP	201-225 Dequindre	Address not listed	Address not listed	Address not listed
SP	1800-1844 Guoin	Address not listed	Address not listed	Address not listed
SP	200-224 Orleans	Address not listed	Address not listed	Address not listed
N	1801-1845 Guoin	Address not listed	Address not listed	Address not listed
N	232-242 Orleans	240-Central Iron Foundry Co.	240-Central Iron Foundry Co.	240-Central Iron Foundry Co.
E	1901-1949 Atwater	Address not listed	Address not listed	Address not listed
E	200-220 Dequindre	Address not listed	Address not listed	Address not listed
E	1900-1938 Guoin	Address not listed	Address not listed	Address not listed
S	1800-1978 Atwater	Address not listed	Address not listed	Address not listed



HISTORICAL CITY DIRECTORY REVIEW SUMMARY – AKT PROJECT 5134D-1-17
GLOBE BUILDING DETROIT, WAYNE COUNTY, MICHIGAN

✱	Address ▼ // Year ►	1941-42	1957	1963
S	166-180 Orleans	Address not listed	Address not listed	Address not listed
W	201-225 Orleans	Address not listed	Address not listed	Address not listed
W	1535-1551 Atwater	Address not listed	Address not listed	Address not listed
✱	Address ▼ // Year ►	1970-71	1975-76	1980
SP	1801-1845 Atwater	Globe Trading Co.	Globe Trading Co.	Globe Trading Co.
SP	201-225 Dequindre	Address not listed	Address not listed	Address not listed
SP	1800-1844 Guoin	Address not listed	Address not listed	Address not listed
SP	200-224 Orleans	Address not listed	Address not listed	Address not listed
N	1801-1845 Guoin	Address not listed	Address not listed	Address not listed
N	232-242 Orleans	240-Central Iron Foundry Co	240-Central Iron Foundry Co	240-Central Iron Foundry Co
E	1901-1949 Atwater	Address not listed	Address not listed	Address not listed
E	200-220 Dequindre	Address not listed	Address not listed	Address not listed
E	1900-1938 Guoin	Address not listed	Address not listed	Address not listed
S	1800-1978 Atwater	Address not listed	1930-Willis Trucking Inc.	1930-Container Marine
S	166-180 Orleans	Address not listed	Address not listed	Address not listed
W	201-225 Orleans	Address not listed	Address not listed	Address not listed
W	1535-1551 Atwater	Address not listed	Address not listed	Address not listed
✱	Address ▼ // Year ►	1985	1990	1995
SP	1801-1845 Atwater	Globe Trading Co.	Globe Trading Co.	Globe Trading Co.
SP	201-225 Dequindre	Address not listed	Address not listed	Address not listed
SP	1800-1844 Guoin	Address not listed	Address not listed	Address not listed
SP	200-224 Orleans	Address not listed	Address not listed	Address not listed
N	1801-1845 Guoin	Address not listed	Address not listed	Address not listed
N	232-242 Orleans	240-Central Iron Foundry Co	240-Central Iron Foundry Co	240-Central Iron Foundry Co
E	1901-1949 Atwater	Address not listed	Address not listed	Address not listed
E	200-220 Dequindre	Address not listed	Address not listed	Address not listed
E	1900-1938 Guoin	Address not listed	Address not listed	Address not listed



HISTORICAL CITY DIRECTORY REVIEW SUMMARY – AKT PROJECT 5134D-1-17
GLOBE BUILDING DETROIT, WAYNE COUNTY, MICHIGAN

✳	Address ▼ // Year ➤	1985	1990	1995
S	1800-1978 Atwater	Address not listed	Address not listed	Address not listed
S	166-180 Orleans	Address not listed	Address not listed	Address not listed
W	201-225 Orleans	Address not listed	Address not listed	Address not listed
W	1535-1551 Atwater	Address not listed	Address not listed	Address not listed
✳	Address ▼ // Year ➤	2003		
SP	201-225 Dequindre	Address not listed.		
SP	1800-1844 Guoin	Address not listed		
SP	200-224 Orleans	Address not listed		
N	1801-1845 Guoin	Address not listed		
N	232-242 Orleans	Address not listed		
E	1901-1949 Atwater	Address not listed		
E	200-220 Dequindre	Address not listed		
E	1900-1938 Guoin	Address not listed		
S	1800-1978 Atwater	Address not listed		
S	166-180 Orleans	Address not listed		
W	201-225 Orleans	Address not listed		
W	1535-1551 Atwater	Address not listed		